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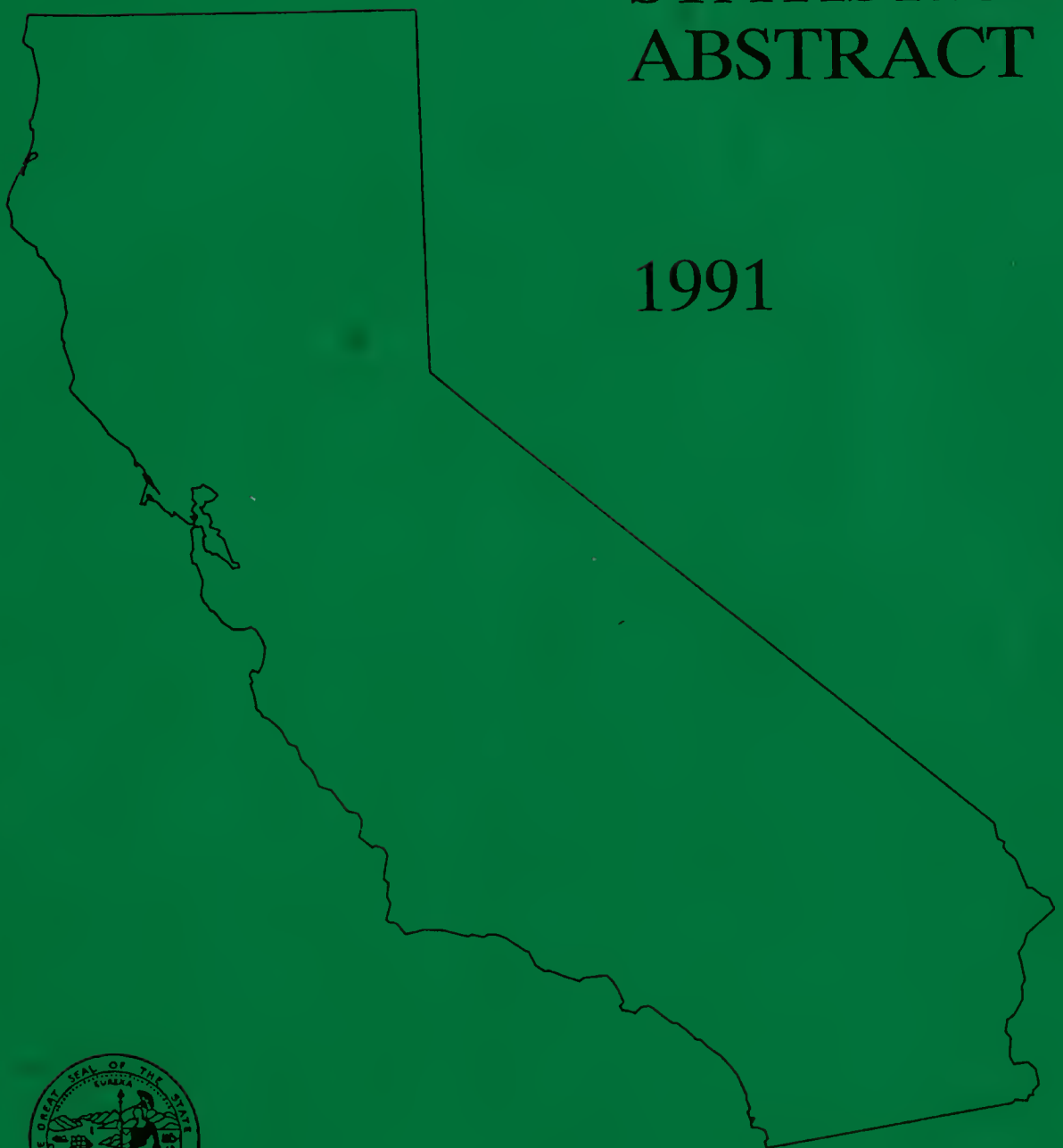
CALIFORNIA STATISTICAL ABSTRACT

1991



DEPARTMENT OF FINANCE

CALIFORNIA STATISTICAL ABSTRACT

1991

STATE OF CALIFORNIA

PETE WILSON
GOVERNOR

SACRAMENTO, CALIFORNIA

Issued October, 1991

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PREFACE

This is the 32nd edition of the *California Statistical Abstract*, a compilation of data on social, economic and physical aspects of the State. The volume is a cooperative effort of various government agencies, coordinated and issued annually by the California Department of Finance, Financial and Economic Research Unit.

The contributor for each table is given at the bottom of the table and may be contacted for more details or an explanation of the data. The Department of Finance welcomes comments on the *Abstract* and ways in which it may be developed into an even more useful compilation of data on the State.

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INTRODUCTION

California covers 158,693 square miles between the 32nd and 42nd parallels north latitude on the Pacific coast. There are 840 miles of general coastline. The State is well known for its temperate climate which has attracted millions of people to the coastal cities. Los Angeles-Anaheim- Riverside ranks as the second largest consolidated metropolitan area in the United States, and San Francisco-Oakland- San Jose as the fourth. California includes Mount Whitney, the highest peak in the contiguous United States, 14,494 feet above sea level, and Death Valley, 282 feet below sea level, the lowest point in the Western Hemisphere. The average July maximum temperature ranges from 60 degrees in Eureka to 107 in Imperial County.

Population--During the century following 1860, California's population approximately doubled five times or once each 20 years. However, with such a burgeoning base count, this rate could not be sustained. Since 1980 the annual civilian migration has varied from a low in 1984 of 222,000 to a high of 452,000 in 1990. From 1980 to 1990, the increase in total population was 6,091,459 or 26 percent based on census figures. On July 1, 1990, California had an estimated total population of 29,976,000, up 2.9 percent, from the total of 29,142,000 in 1989.

Labor force and employment--California's civilian labor force averaged 14,670,000 for 1990, a gain of 152,000 or 1.0 percent, from 1989. Civilian employment increased by 66,000 to 13,846,000. The resulting unemployment rate rose to 5.6 percent from the 5.1 percent rate in 1989.

Gross state product--California's gross state product for 1986 was $533.8 billion, 12.7 percent of the nation's gross product. Services and manufacturing accounted for the largest shares of the California economy, followed by trade and the finance-insurance-real estate group.

Personal income--Personal income of California residents reached $619 billion in 1990, 13.3 percent of total U.S. personal income. About 60 percent of the total was received as wages and salaries. Manufacturing and services are the largest sources of income, accounting for over 40 percent of the total wage and salary disbursements. Following them in importance are the government and trade industries.

Corporate income--Net income less net loss of $34.4 billion was reported by the 447,701 banks and corporations operating in the State during 1989. Manufacturing industries accounted for one third of the total net income.

Manufacturing--California has the largest manufacturing complex in the Nation. According to the 1987 Census of Manufacturers, value added during that year amounted to $133 billion. The state's aerospace industry is the largest in the U.S. and claimed 18.4 percent of all defense prime contracts in fiscal year 1990, in addition to substantial production for the civilian sector.

Agriculture--California continues to be the Nation's leading agricultural producer. Cash receipts from marketings received by California farmers during 1989 totaled $17.5 billion.

Metropolitan areas--California has 22 Metropolitan Statistical Areas (MSA's) 10 of which are designated as Primary Metropolitan Statistical Areas (PMSA's), by virtue of being grouped into one of the two Consolidated Metropolitan Statistical Areas (CMSA's). Much of the data in the Abstract are reported by MSA. The table on the following page summarizes the counties in each area.

METROPOLITAN AREAS IN CALIFORNIA

Name	Designation	Counties
Los Angeles-Anaheim-Riverside	CMSA	
Anaheim-Santa Ana	PMSA	Orange
Los Angeles-Long Beach	PMSA	Los Angeles
Oxnard-Ventura	PMSA	Ventura
Riverside-San Bernardino	PMSA	Riverside and San Bernardino
San Francisco-Oakland-San Jose	CMSA	
Oakland	PMSA	Alameda, Contra Costa
San Francisco	PMSA	San Francisco, Marin and San Mateo
San Jose	PMSA	Santa Clara
Santa Cruz	PMSA	Santa Cruz
Santa Rosa-Petaluma	PMSA	Sonoma
Vallejo-Fairfield-Napa	PMSA	Napa and Solano
Bakersfield	MSA	Kern
Chico	MSA	Butte
Fresno	MSA	Fresno
Merced	MSA	Merced
Modesto	MSA	Stanislaus
Redding	MSA	Shasta
Sacramento	MSA	El Dorado, Placer,Sacramento and Yolo
Salinas-Seaside-Monterey	MSA	Monterey
San Diego	MSA	San Diego
Santa Barbara-Santa Maria-Lompoc	MSA	Santa Barbara
Stockton	MSA	San Joaquin
Visalia-Tulare-Porterville	MSA	Tulare
Yuba City	MSA	Sutter and Yuba

SECTION A

AREA, GEOGRAPHY AND CLIMATE

This section summarizes State land and water areas, temperature and precipitation. The basic sources are the Federal agencies responsible for surveying and mapping the United States and for recording its weather. Information on Federal and State parks and monuments is reported by various government agencies.

TABLE A-1

LAND AND WATER AREAS OF CALIFORNIA COUNTIES, 1990

County	Water area a/		Land area a/		Total area a/	
	Acres	Square miles	Acres	Square miles	Acres	Square miles
Total	1,356,780	2,120.5	100,206,720	156,573	101,563,500	158,693.2
Alameda	59,150	92.4	469,120	733	528,270	825.4
Alpine	2,310	3.6	462,720	723	465,030	726.6
Amador	5,290	8.3	379,520	593	384,810	601.3
Butte	1,170	1.8	1,064,320	1,663	1,065,490	1,664.8
Calaveras	6,010	9.4	657,280	1,027	663,290	1,036.4
Colusa	1,820	2.8	737,920	1,153	739,740	1,155.8
Contra Costa	40,920	63.9	469,760	734	510,680	797.9
Del Norte	---	---	641,920	1,003	641,920	1,003.0
El Dorado	58,080	90.8	1,096,960	1,714	1,155,040	1,804.8
Fresno	21,860	34.2	3,816,960	5,964	3,838,820	5,998.2
Glenn	1,280	2	842,880	1,317	844,160	1,319.0
Humboldt	16,970	26.5	2,286,720	3,573	2,303,690	3,599.5
Imperial	200,580	313.4	2,741,760	4,284	2,942,340	4,597.4
Inyo	4,400	6.9	6,458,240	10,091	6,462,640	10,097.9
Kern	11,720	18.3	5,217,280	8,152	5,229,000	8,170.3
Kings	25,990	40.6	892,800	1,395	918,790	1,435.6
Lake	45,120	70.5	803,840	1,256	848,960	1,326.5
Lassen	91,700	143.3	2,910,080	4,547	3,001,780	4,690.3
Los Angeles	12,330	19.3	2,598,400	4,060	2,610,730	4,079.3
Madera	2,000	3.1	1,372,160	2,144	1,374,160	2,147.1
Marin	43,500	68	332,800	520	376,300	588.0
Mariposa	3,490	5.5	931,200	1,455	934,690	1,460.5
Mendocino	2,360	3.7	2,244,480	3,507	2,246,840	3,510.4
Merced	16,450	25.7	1,268,480	1,982	1,284,930	2,007.7
Modoc	158,990	248.4	2,618,880	4,092	2,777,870	4,340.4
Mono	48,030	75	1,937,920	3,028	1,985,950	3,103.0
Monterey	70	0.1	2,127,360	3,324	2,127,430	3,324.1
Napa	24,890	38.9	485,120	758	510,010	796.9
Nevada	9,090	14.2	625,920	978	635,010	992.2
Orange	1,960	3.1	500,480	782	502,440	785.1
Placer	52,780	82.5	911,360	1,424	964,140	1,506.5
Plumas	30,980	48.4	1,644,800	2,570	1,675,780	2,618.4
Riverside	42,260	66	4,593,280	7,177	4,635,540	7,243.0
Sacramento	20,660	32.3	629,120	983	649,780	1,015.3
San Benito	710	1.1	893,440	1,396	894,150	1,397.1
San Bernardino	21,120	33	12,883,840	20,131	12,904,960	20,164.0
San Diego	16,360	25.6	2,723,200	4,255	2,739,560	4,280.6
San Francisco	29,500	46.1	28,800	45	58,300	91.1
San Joaquin	17,420	27.2	901,760	1,409	919,180	1,436.2
San Luis Obispo	6,560	10.2	2,122,240	3,316	2,128,800	3,326.2
San Mateo	49,130	76.8	290,560	454	339,690	530.8
Santa Barbara	4,260	6.7	1,752,320	2,738	1,756,580	2,744.7
Santa Clara	8,880	13.9	833,280	1,302	842,160	1,315.9
Santa Cruz	400	0.6	280,960	439	281,360	439.6
Shasta	33,420	52.2	2,430,720	3,798	2,464,140	3,850.2
Sierra	380	1	613,120	958	613,500	959.0
Siskiyou	4,030	6.3	4,039,680	6,312	4,043,710	6,318.3
Solano	28,930	45.2	529,280	827	558,210	872.2
Sonoma	11,900	18.6	1,010,560	1,579	1,022,460	1,597.6
Stanislaus	13,580	21.2	960,000	1,500	973,580	1,521.2
Sutter	---	---	388,480	607	388,480	607.0
Tehama	---	---	1,904,640	2,976	1,904,640	2,976.0
Trinity	20,260	31.6	2,042,240	3,191	2,062,500	3,222.6
Tulare	4,390	6.9	3,096,320	4,838	3,100,710	4,844.9
Tuolumne	11,960	18.7	1,455,360	2,274	1,467,320	2,292.7
Ventura	8,040	12.6	1,184,640	1,851	1,192,680	1,863.6
Yolo	---	---	661,760	1,034	661,760	1,034.0
Yuba	1,340	2.1	407,680	637	409,020	639.1

a/ Components for counties rounded to nearest 10 acres and tenths of square miles. Source: California Regional Framework Study, Base year 1965. Prepared by California Regional Framework Study Committee for Pacific Southwest Inter-Agency Committee Water Resources Council.

TABLE A-2

NATIONAL PARKS AND OTHER NATIONAL PARK SERVICE AREAS, CALIFORNIA, 1989

	Area, in acres			
	Total	Federal	Non-federal	Wilderness
National Parks				
Kings Canyon	461,901.20	461,845.02	56.18	456,552
Lassen Volcanic	106,372.36	106,366.47	5.89	78,982
Redwood	110,132.40	75,341.84	34,790.56	---
Sequoia	402,482.38	402,298.71	183.67	280,428
Yosemite	761,170.20 a/	759,465.84	1,704.36	677,600
Channel Islands	249,353.77	64,254.62	185,099.15	---
National Monuments				
Cabrillo	143.94	143.94	---	---
Death Valley	2,067,627.68 b/	2,048,928.88	18,698.80	---
Devils Postpile	798.46	798.46	---	---
Joshua Tree	559,954.50	549,669.72	10,284.78	429,690
Lava Beds	46,559.87	46,559.87	---	28,460
Muir Woods	553.55	522.98	30.57	---
Pinnacles	16,265.44	16,254.62	10.82	12,952
National Seashore				
Point Reyes	71,046.51	64,466.88	6,579.63	25,370
National Recreation Areas				
Golden Gate	73,080.16	28,322.03	44,758.13	---
Santa Monica Mountains	150,050.00	13,708.84	136,341.16	---
Wiskeytown-Shasta-Trinity	42,503.46	42,448.23	55.23	---
National Historic Sites				
Eugene O'Neill	13.19	13.19	---	---
Fort Point	29.00	29.00	---	---
John Muir	338.90	8.90	330.00	---
National Historic Parks				
San Francisco Maritime	50.00	---	50.00	---

a/ Does not include 1,397.99 acres comprising El Portal administrative site, adjacent to the park.
b/ Also in Nevada
Source: U.S. Department of the Interior, The National Parks: Index 1989.

National Park Service
Public Affairs Office
(415) 556-4122

TABLE A-3

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS AS OF JUNE 30, 1990

Name	County	Acres
Total		1,306,192.11
Admiral William Standley SRA	Mendocino	45.22
Ahjumawi Lava Springs SP	Shasta	6,374.42
Alamitos SB	Orange	0.90
American River Bikeway	Sacramento	62.17
Anderson Marsh Project	Lake	871.93
Andrew Molera SP	Monterey	4,785.88
Angel Island SP	Marin-San Francisco	755.71
Annadel SP	Sonoma	4,957.46
Ano Nuevo SR	San Mateo	4,081.68
Antelope Valley California Poppy Reserve	Kern-Los Angeles	1,748.18
Anza-Borrego Desert SP	Riverside-San Diego-Imperial	553,456.38
Armstrong Redwoods SR	Sonoma	752.00
Asilomar SB	Monterey	106.01
Auburn SRA	Placer-El Dorado	42,000.00
Austin Creek SRA	Sonoma	4,235.62
Azalea SR	Humboldt	30.00
Backbone Trail/Santa Monica Mountains	Los Angeles	1,366.86
Bale Grist Mill SHP	Napa	0.75
Bean Hollow SB	San Mateo	44.00
Benbow Lake SRA	Humboldt	975.47
Benicia Capitol SHP	Solano	0.86
Benicia SRA	Solano	446.71
Bethany Reservoir SRA	Alameda	608.54
Bidwell Mansion SHP	Butte	5.28
Bidwell-Sacramento River SP	Butte	184.92
Big Basin Redwoods SP	Santa Cruz-San Mateo	18,108.19
Big Rock Beach Project	Los Angeles	0.43
Bodie SHP	Mono	494.81
Bolsa Chica SB	Orange	169.75
Border Field SP	San Diego	404.14
Bothe-Napa Valley SP	Napa-Sonoma	1,918.40
Brannan Island SRA	Sacramento	335.46
Bufano Peace Status	Sonoma	0.25
Burleigh Murray Ranch	San Mateo	1,325.45
Burton Creek SP	Placer	1,890.30
Butano SP	San Mateo	2,186.49
Calaveras Big Trees SP	Calaveras-Tuolumne	6,074.36
California Citrus SHP	Riverside	376.80
Candlestick Point SRA	San Francisco	153.45
Cardiff SB	San Diego	505.13
Carlsbad SB	San Diego	24.88
Carmel River SB	Monterey	296.69
Carnegie SVRA	San Joaquin-Alameda	1,575.82
Carpinteria SB	Santa Barbara	56.54
Caspar Headlands SB	Mendocino	2.95
Caspar Headlands SR	Mendocino	2.70
Castaic Lake SRA	Los Angeles	4,200.17
Castle Crags SP	Shasta-Siskiyou	6,217.40
Castle Rock SP	Santa Cruz-Santa Clara	3,494.51
Caswell Memorial SP	San Joaquin	258.13
Cayucos SB	San Luis Obispo	15.63
Central Coast Region HQ	Monterey	7.00
China Camp SP	Marin	1,514.30
Chino Hills SP	Orange-Riverside-San Bernardino	10,194.44
Chumash Painted Caves SHP	Santa Barbara	7.50
Clay Pit SVRA	Butte	220.14
Clear Lake SP	Lake	565.54
Colonel Allensworth SHP	Tulare	238.29
Columbia SHP	Tuolumne	262.61
Colusa-Sacramento River SRA	Colusa	66.50
Corona del Mar SB	Orange	29.58
Crystal Cove SP	Orange	3,940.10
Cuyamaca Rancho SP	San Diego	24,614.66
D. L. Bliss SP	El Dorado	2,218.93
Dan Blocker Beach	Los Angeles	13.12
Del Norte Coast Redwoods SP	Del Norte	6,369.92
Delta Meadows	Sacramento	133.73
Dockweiler SB	Los Angeles	91.40
Doheny SB	Orange	254.02
Donner Memorial SP	Nevada-Placer	374.48
Drum Barracks	Los Angeles	0.43
Durham Ferry SRA	San Joaquin	183.39
East Bay Shoreline Project	Alameda	55.00
El Capitan SB	Santa Barbara	133.98
El Presidio de Santa Barbara SHP	Santa Barbara	4.43
Emerald Bay SP	El Dorado	1,464.49
Emma Wood SB	Ventura	109.20
Empire Mine SHP	Nevada	800.96
Folsom Lake SRA	El Dorado-Placer-Sacramento	17,778.63
Forest of Nisene Marks SP, The	Santa Cruz	10,092.73
Fort Humboldt SHP	Humboldt	16.20
Fort Ross SHP	Sonoma	1,208.43
Fort Tejon SHP	Kern	205.38
Franks Tract SRA	Contra Costa	3,531.83
Fremont Ford SRA	Merced	114.00
Fremont Peak SP	Monterey-San Benito	244.23
Garcia Property	Santa Cruz	144.41
Garrapata Beach	Monterey	2,938.75
Gaviota SP	Santa Barbara	2,760.49
Gazos Creek Access	San Mateo	5.94
George J. Hatfield SRA	Merced	46.50
Governor's Mansion	Sacramento	0.78
Gray Whale Cove SB	San Mateo	3.10
Greenwood Creek	Mendocino	47.22
Grizzly Creek Redwoods SP	Humboldt	388.31
Grover Hot Springs SP	Alpine	538.54
Half Moon Bay SB	San Mateo	168.03
Harry A. Merlo SRA	Humboldt	830.00
Hearst San Simeon SHM	San Luis Obispo	159.89
Hendy Woods SP	Mendocino	816.26
Henry Cowell Redwoods SP	Santa Cruz	4,135.80
Henry W. Coe SP	Santa Clara-Stanislaus	67,654.72

TABLE A-3 (Continued)

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS AS OF JUNE 30, 1990

Name	County	Acres	Name	County	Acres
Hollister Hills SVRA	San Benito	5,046.01	Monterey SHP	Monterey	10.77
Humboldt Lagoons SP	Humboldt	1,543.53	Montgomery Woods SR	Mendocino	1,322.36
Humboldt Redwoods SP	Humboldt	51,333.69	Moonlight SB	San Diego	12.70
Hungry Valley SVRA	Los Angeles-Ventura	17,814.92	Morro Bay SP	San Luis Obispo	1,988.28
Huntington SB	Orange	128.95	Morro Strand SB	San Luis Obispo	158.75
			Moss Landing SB	Monterey	60.35
			Mount Diablo SP	Contra Costa	20,090.28
Indian Grinding Rock SHP	Amador	135.43	Mount San Jacinto SP	Riverside	13,717.95
Indio Hills Palm	Riverside	2,206.01	Mount Tamalpais SP	Marin	6,179.77
Jack London SHP	Sonoma	982.65	Natural Bridges SB	Santa Cruz	52.61
Jedediah Smith Redwoods SP	Del Norte	9,862.34	New Brighton SB	Santa Cruz	93.67
John Little SR	Monterey	20.68			
John Marsh Home	Contra Costa	16.00	Ocotillo Wells SVRA	San Diego	21,973.04
Jug Handle SR	Mendocino	764.41	Old Sacramento SHP	Sacramento	290.94
Julia Pfeiffer Burns SP	Monterey	3,642.16	Old Town San Diego SHP	San Diego	26.92
			Olompali SHP	Marin	700.00
Kenneth Hahn SRA	Los Angeles	309.72	Oxnard SB	Ventura	61.60
Kings Beach SRA	Placer	7.74			
Kruse Rhododendron SR	Sonoma	317.00	Pacifica Beach Project	San Mateo	20.73
			Palomar Mountain SP	San Diego	1,908.54
Lake del Valle SRA	Alameda	3,731.86	Pan Pacific Park Project	Los Angeles	28.26
Lake Earl/Lake Talawa Project	Del Norte	6,108.67	Patrick's Point SP	Humboldt	640.16
Lake Elsinore SRA	Riverside	2,976.45	Paul M. Dimmick WC	Mendocino	661.81
Lake Oroville SRA	Butte	28,743.80	Pelican SB	Del Norte	5.15
Lake Perris SRA	Riverside	5,709.18	Pescadero SB	San Mateo	637.89
Lake Valley SRA	El Dorado	150.00	Petaluma Adobe SHP	Sonoma	41.16
La Purisima Mission SHP	Santa Barbara	966.36	Pfeiffer Big Sur SP	Monterey	851.70
Las Tunas SB	Los Angeles	3.24	Picacho SRA	Imperial	6,758.58
Leo Carrillo SB	Los Angeles-Ventura	2,262.23	Pigeon Point Hostel	San Mateo	10.70
			Pio Pico SHP	Los Angeles	3.42
Leucadia SB	San Diego	10.60	Pismo Dunes SVRA	San Luis Obispo	2,657.36
Lighthouse Field SB	Santa Cruz	37.60	Pismo SB	San Luis Obispo	1,054.68
Little River SB	Humboldt	111.63	Placerita Canyon SP	Los Angeles	341.72
Los Encinos SHP	Los Angeles	4.73	Plumas-Eureka SP	Plumas	4,423.30
Los Osos Oaks SR	San Luis Obispo	85.10	Point Dume SB	Los Angeles	62.98
			Point Lobos SR	Monterey	1,324.73
MacKerricher SP	Mendocino	2,064.77	Point Montara Hostel	San Mateo	6.00
Mailliard Redwoods SR	Mendocino	242.00	Point Mugu SP	Ventura	13,931.87
Malakoff Diggins SHP	Nevada	2,963.40	Point Sal SB	Santa Barbara	84.03
Malibu Creek SP	Los Angeles	7,472.34	Point Sur Light Station	Monterey	33.29
Malibu Lagoon SB	Los Angeles	169.20	Pomponio SB	San Mateo	420.64
Manchester SB	Mendocino	5,268.90	Portola SP	San Mateo	2,507.27
Mandalay SB	Ventura	92.12	Prairie City SVRA	Sacramento	836.14
Manhattan SB	Los Angeles	50.66	Prairie Creek Redwoods SP	Del Norte-Humboldt	14,067.63
Manresa SB	Santa Cruz	137.87			
Marconi Conference Center	Marin	62.40	Providence Mountains SRA	San Bernardino	5,890.46
Marina Beach	Monterey	170.59			
Marshall Gold Discovery SHP	El Dorado	274.77	Railtown 1897 SHP	Tuolomne	20.00
McArthur Burney Falls Memorial SP	Shasta	761.10	Redondo SB	Los Angeles	26.20
McConnell SRA	Merced	74.26	Red Rock Canyon SP	Kern	10,344.04
McGrath SB	Ventura	312.39	Refugio SB	Santa Barbara	155.08
Mendocino Headlands SP	Mendocino	378.75	Reynolds WC	Mendocino	65.80
Mendocino Woodlands Outdoor Ctr.	Mendocino	720.00	Richardson Grove SP	Humboldt	1,614.02
			Rincon Point	Santa Barbara-Ventura	3.44
Millerton Lake SRA	Fresno-Madera	6,552.75	Robert H. Meyer Memorial SB	Los Angeles	37.04
Mono Lake Tufa SR	Mono	17,000.00	Robert Louis Stevenson SP	Napa-Lake-Sonom	3,729.66
Montana de Oro SP	San Luis Obispo	8,226.64	Robert W. Crown Memorial SB	Alameda	132.22
Montara SB	San Mateo	780.27	Royal Palms SB	Los Angeles	18.07
Monterey SB	Monterey	35.20	Russian Gulch SP	Mendocino	1,304.66

TABLE A-3 (Continued)

CALIFORNIA STATE PARKS, RESERVES, HISTORIC PARKS AND RECREATION AREAS AS OF JUNE 30, 1990

Name	County	Acres
Saddleback Butte SP	Los Angeles	3,262.21
Salinas River SB	Monterey	245.94
Salton Sea SRA	Riverside-Imperial	17,695.16
Salt Point SP	Sonoma	5,684.93
Samuel P. Taylor SP	Marin	2,708.28
San Bruno Mountains SP	San Mateo	297.60
San Buenaventura SB	Ventura	120.58
San Clemente SB	Orange	117.13
San Diego Coast Dist.	San Diego	0.31
San Elijo SB	San Diego	587.21
San Gregorio SB	San Mateo	171.60
San Juan Bautista SHP	San Benito	6.12
San Luis Island Project	Merced	2,712.00
San Luis Reservoir SRA	Merced	26,026.00
San Mateo County Trail	San Mateo	2.46
San Onofre SB	San Diego	3,036.00
San Pasqual Battlefield SHP	San Diego	49.61
San Simeon SB	San Luis Obispo	543.99
Santa Cruz County Trail	Santa Cruz-Santa Clara	242.35
Santa Cruz Mission SHP	Santa Cruz	1.94
Santa Monica SB	Los Angeles	49.03
Santa Susana Mountains Project	Los Angeles	428.19
Schooner Gulch Project	Mendocino	53.66
Seacliff SB	Santa Cruz	87.41
Seccombe Lake SURA	San Bernardino	41.30
Shasta SHP	Shasta	23.01
Silver Strand SB	San Diego	363.47
Silverwood Lake SRA	San Bernardino	2,201.00
Sinkyone Wildnerness SP	Mendocino-Humboldt	7,407.30
Smithe Redwoods SR	Mendocino	628.03
Sonoma Coast SB	Sonoma	5,053.89
Sonoma SHP	Sonoma	63.62
South Carlsbad SB	San Diego	118.40
South Yuba River Project	Nevada	6,902.33
Standish-Hickey SRA	Mendocino	1,020.84
Leland Stanford Mansion SHP	Sacramento	0.88
State Indian Museum	Sacramento	Included in Sutter's Fort
Stillwater Cove Project	Sonoma	36.27
Stone Lake Project	Sacramento	1,089.55
Sugarloaf Ridge SP	Napa-Sonoma	2,652.20
Sugar Pine Point SP	El Dorado	2,011.34
Sunset SB	Santa Cruz	319.87
Sutter's Fort SHP	Sacramento	5.80
Tahoe SRA	Placer	61.70
Thornton SB	San Mateo	58.00
Tomales Bay SP	Marin	2,029.97
Topanga SB	Los Angeles	31.21
Topanga SP	Los Angeles	10,118.25
Torrey Pines SB	San Diego	61.36
Torrey Pines SR	San Diego	1,507.97
Trinidad SB	Humboldt	158.70
Tule Elk SR	Kern	944.05
Turlock Lake SRA	Stanislaus	408.08
Twin Lakes SB	Santa Cruz	113.44
Van Damme SP	Mendocino	2,175.29
Verdugo Mountain Project		251.41
Ward Creek Project	Placer	173.00
Washoe Meadows SP	El Dorado	627.73
Wassama Round House SHP	Madera	26.61
Watts Towers of Simon Rodia SHP	Los Angeles	0.11
Weaverville Joss House SHP	Trinity	3.23
Westport Union Landing SB	Mendocino	59.82
Wilder Ranch SP	Santa Cruz	4,504.91
Will Rogers SB	Los Angeles	82.14
Will Rogers SHP	Los Angeles	189.12
William B. Ide Adobe SHP	Tehama	3.72
William Randolph Hearst Memorial SB	San Luis Obispo	8.14
Windemere Point Project	Sonoma	20.56
Woodland Opera House	Yolo	0.26
Woodson Bridge SRA	Tehama	323.47
Zmudowski SB	Monterey	176.41

SB: State Beach.
SP: State Park.
SR: State Reserve.
SHM: State Historical Monument.
SHP: State Historic Park.
SRA: State Recreation Area.
SURA: State Urban Recreation Area.
SVRA: State Vehicular Recreation Area.
WC: Wayside Campground.

Department of Parks and Recreation
Acquisition Division
(916) 653-5720

TABLE A-4

CLIMATOLOGICAL DATA FOR REPRESENTATIVE STATIONS IN CALIFORNIA, 1990

Station	Latitude	Longitude	Feet above mean sea level	Annual precipitation (in inches)		Freeze data: date of		Frost free period (days)
				Normal a/	1990	Last spring freeze b/	First fall freeze b/	
Alturas Ranger Station	41o 30'	120o 33'	4,400	12.45	8.73	June 11	October 7	117
Bakersfield WSO AP c/	35o 25'	119o 03'	475	5.72	3.51	February 16	December 21	307
Bishop WSO AP c/	37o 22'	118o 22'	4,108	5.61	3.36	March 16	October 21	217
Eureka WSO CI d/	40o 48'	124o 10'	43	38.51	29.30	February 14	December 21	309
Fresno WSO AP c/	36o 46'	119o 43'	328	10.52	8.73	February 15	December 20	307
Imperial	32o 51'	115o 34'	(64)	2.40	1.46	---	December 23	356
Los Angeles Civic Center	34o 03'	118o 14'	257	14.85	6.49	---	---	365
Redding WSO AP c/	40o 30'	122o 18'	502	40.95	24.76	March 13	November 24	255
Sacramento FAA AP e/	38o 31'	121o 30'	17	17.10	13.76	February 15	December 20	307
San Diego WSO AP c/	32o 44'	117o 10'	13	9.32	7.29	---	---	365
San Francisco:								
Mission Dolores	37o 46'	122o 26'	75	19.33	13.60	---	December 22	355
Paso Robles	35o 38'	120o 41'	700	14.20	6.37	March 14	November 3	261
Susanville Airport	40o 22'	120o 34'	4,148	14.29	8.08	April 9	October 7	177

a/ Based on 30-year period, 1951-80, inclusive. b/ Refers to minimum temperature reading of 28o F, or less, for day specified. c/ Weather Service Office, Airport. d/ Weather Service Office, City.
e/ Federal Aviation Administration, Airport.
Source: U.S. Department of Commerce, National Environmental Satellite Data and Information Service, Climatological Data, California, Volume 93, Nos. 1-12, 1990; U.S. Department of Commerce, Environmental Data and Information Service Climatography of the United States, No. 81, California, Sept. 1982.

TABLE A-5

AVERAGE MAXIMUM, MINIMUM, AND ANNUAL TEMPERATURES, REPRESENTATIVE STATIONS IN CALIFORNIA, 1990

(In degrees Fahrenheit)

Station	Normal a/					1990				
	January		July			January		July		
	Maximum	Minimum	Maximum	Minimum	Annual	Maximum	Minimum	Maximum	Minimum	Annual
Alturas Ranger Station	41.7	16.0	88.2	43.5	46.6	43.2	19.4	88.7	47.0	45.7
Bakersfield WSO AP b/	57.4	38.9	98.8	70.1	65.6	58.5	36.4	99.5	70.3	64.8
Bishop WSO AP b/	52.9	21.4	97.5	56.3	56.0	54.3	22.1	98.2	57.2	56.1
Eureka WSO CI c/	53.4	41.3	60.3	51.9	52.0	54.5	42.1	65.0	54.6	53.1
Fresno WSO AP b/	54.2	36.8	97.9	64.1	62.5	56.0	35.0	99.3	68.7	63.7
Imperial	69.3	41.6	106.6	77.6	73.1	69.2	40.6	105.6	78.8	73.0
Los Angeles Civic Center	66.6	47.7	83.8	64.3	65.3	69.5	49.3	86.6	68.0	67.5
Redding WSO AP b/	55.7	37.3	99.5	67.4	63.8	55.7	34.3	99.7	67.6	62.2
Sacramento FAA AP d/	52.6	37.9	93.3	57.9	60.6	57.3	37.6	95.2	60.1	61.8
San Diego WSO AP b/	65.2	48.4	75.6	64.9	63.8	66.2	47.0	77.9	66.7	64.1
San Francisco:										
Mission Dolores	56.1	46.2	64.0	53.1	56.7	59.4	46.1	70.0	55.7	58.8
Paso Robles	61.2	32.9	93.9	50.1	59.1	63.1	32.3	93.4	54.1	59.4
Susanville Airport	40.3	19.9	89.9	49.1	48.8	43.0	23.1	90.9	52.1	49.4

a/ Based on 30-year period, 1951-80. b/ Weather Service Office, Airport. c/ Weather Service Office, City.
d/ Federal Aviation Administration.
Source: U.S. Department of Commerce, Climatography of the United States, No. 81, California, September 1982; U.S. Department of Commerce, Climatological Data, California, Volume 93, Nos. 1-12, 1990.

Source agency for Tables A-4 and A-5:
Department of Water Resources
Division of Flood Management
(916) 653-7237

SECTION B

POPULATION

The tables in this section summarize available data on the population of the State of California, its counties and cities. Comparisons of California's population with the totals for the Nation are also shown.

All figures on the total population of California for 1940 through 1969 are from publications of the United States Bureau of the Census. All estimates of the civilian population and estimates of the total population for the state and counties after 1969 were prepared by the Department of Finance and are based on the analysis of components of population change. Data used in the preparation of these estimates have been obtained from the Vital Statistics Section, Department of Health; Department of Education; the Immigration and Naturalization Service; and United States Department of Defense; the Department of Motor Vehicles; and the United States Bureau of the Census.

In addition to the preceding data sources, the estimates for cities also use information supplied by the cities in California and their respective utility companies.

TABLE B-1

POPULATION OF CALIFORNIA AND THE UNITED STATES, 1940 TO 1990

	United States a/			California			Calif.,
	Total b/	Annual change		Total b/	Annual change		percent
July 1	population	Number	Percent	population	Number	Percent	of U.S.
1940	132,457,000	---	---	6,950,000	---	---	5.2
1941	133,669,000	1,212,000	0.9	7,237,000	287,000	4.1	5.4
1942	134,617,000	948,000	0.7	7,735,000	498,000	6.9	5.7
1943	135,107,000	490,000	0.4	8,506,000	771,000	10.0	6.3
1944	133,915,000	-1,192,000	-0.9	8,945,000	439,000	5.2	6.7
1945	133,434,000	-481,000	-0.4	9,344,000	399,000	4.5	7.0
1946	140,686,000	7,252,000	5.4	9,559,000	215,000	2.3	6.8
1947	144,083,000	3,397,000	2.4	9,832,000	273,000	2.9	6.8
1948	146,730,000	2,647,000	1.8	10,064,000	232,000	2.4	6.9
1949	149,304,000	2,574,000	1.8	10,337,000	273,000	2.7	6.9
1950	151,868,000	2,564,000	1.7	10,643,000	306,000	3.0	7.0
1951	153,982,000	2,114,000	1.4	11,130,000	487,000	4.6	7.2
1952	156,393,000	2,411,000	1.6	11,638,000	508,000	4.6	7.4
1953	158,956,000	2,563,000	1.6	12,101,000	463,000	4.0	7.6
1954	161,884,000	2,928,000	1.8	12,517,000	416,000	3.4	7.7
1955	165,069,000	3,185,000	2.0	13,004,000	487,000	3.9	7.9
1956	168,088,000	3,019,000	1.8	13,581,000	577,000	4.4	8.1
1957	171,187,000	3,099,000	1.8	14,177,000	596,000	4.4	8.3
1958	174,149,000	2,962,000	1.7	14,741,000	564,000	4.0	8.5
1959	177,135,000	2,986,000	1.7	15,288,000	547,000	3.7	8.6
1960	179,979,000	2,844,000	1.6	15,863,000	575,000	3.8	8.8
1961	182,992,000	3,013,000	1.7	16,412,000	549,000	3.5	9.0
1962	185,771,000	2,779,000	1.5	16,951,000	539,000	3.3	9.1
1963	188,483,000	2,712,000	1.5	17,530,000	579,000	3.4	9.3
1964	191,141,000	2,658,000	1.4	18,026,000	496,000	2.8	9.4
1965	193,526,000	2,385,000	1.2	18,464,000	438,000	2.4	9.5
1966	195,576,000	2,050,000	1.1	18,831,000	367,000	2.0	9.6
1967	197,457,000	1,881,000	1.0	19,175,000	344,000	1.8	9.7
1968	199,399,000	1,942,000	1.0	19,432,000	257,000	1.3	9.7
1969	201,385,000	1,986,000	1.0	19,745,000	313,000	1.6	9.8
1970	203,984,000	2,599,000	1.3	20,039,000	294,000	1.5	9.8
1971	206,827,000	2,843,000	1.4	20,346,000	307,000	1.5	9.8
1972	209,284,000	2,457,000	1.2	20,585,000	239,000	1.2	9.8
1973	211,357,000	2,073,000	1.0	20,869,000	284,000	1.4	9.9
1974	213,342,000	1,985,000	0.9	21,174,000	305,000	1.5	9.9
1975	215,465,000	2,123,000	1.0	21,538,000	364,000	1.7	10.0
1976	217,563,000	2,098,000	1.0	21,936,000	398,000	1.8	10.1
1977	219,760,000	2,197,000	1.0	22,352,000	415,000	1.9	10.2
1978	222,095,000	2,335,000	1.1	22,836,000	484,000	2.2	10.3
1979	224,567,000	2,472,000	1.1	23,257,000	421,000	1.8	10.4
1980	227,217,000	2,650,000	1.2	23,782,000	525,000	2.3	10.5
1981	229,444,000	2,227,000	1.0	24,278,000	496,000	2.1	10.6
1982	231,648,000	2,204,000	1.0	24,805,000	527,000	2.2	10.7
1983	233,781,000	2,133,000	0.9	25,337,000	532,000	2.1	10.8
1984	235,820,000	2,039,000	0.9	25,816,000	479,000	1.9	10.9
1985	237,924,000	2,104,000	0.9	26,403,000	587,000	2.3	11.1
1986	240,140,000	2,216,000	0.9	27,052,000	649,000	2.5	11.3
1987	242,305,000	2,165,000	0.9	27,717,000	665,000	2.5	11.4
1988	244,529,000	2,224,000	0.9	28,393,000	676,000	2.4	11.6
1989	246,828,000	2,299,000	0.9	29,142,000	749,000	2.6	11.8
1990	249,466,000	2,638,000	1.1	29,976,000	834,000	2.9	12.0

TABLE B-1 (Continued)

POPULATION OF CALIFORNIA AND THE UNITED STATES, 1940 TO 1990

	United States a/			California			Calif.,
	Civilian	Annual change		Civilian	Annual change		percent
July 1	population	Number	Percent	population	Number	Percent	of U.S.
1940	132,129,000	---	---	6,899,000	---	---	5.2
1941	132,086,000	-43,000	0.0	7,049,000	150,000	2.2	5.3
1942	131,444,000	-642,000	-0.5	7,297,000	248,000	3.5	5.6
1943	128,010,000	-3,434,000	-2.6	7,570,000	273,000	3.7	5.9
1944	127,227,000	-783,000	-0.6	8,083,000	513,000	6.8	6.4
1945	128,112,000	885,000	0.7	8,523,000	440,000	5.4	6.7
1946	138,932,000	10,820,000	8.5	9,298,000	775,000	9.1	6.7
1947	143,138,000	3,206,000	2.3	9,672,000	374,000	4.0	6.8
1948	145,746,000	2,608,000	1.8	9,895,000	223,000	2.3	6.8
1949	148,157,000	2,411,000	1.7	10,161,000	266,000	2.7	6.9
1950	150,790,000	2,633,000	1.8	10,472,000	311,000	3.1	6.9
1951	151,599,000	809,000	0.5	10,754,000	282,000	2.7	7.1
1952	153,892,000	2,293,000	1.5	11,194,000	440,000	4.1	7.3
1953	156,595,000	2,703,000	1.8	11,681,000	487,000	4.4	7.5
1954	159,695,000	3,100,000	2.0	12,177,000	496,000	4.3	7.6
1955	162,967,000	3,272,000	2.0	12,668,000	491,000	4.0	7.8
1956	166,055,000	3,088,000	1.9	13,247,000	579,000	4.6	8.0
1957	169,110,000	3,055,000	1.8	13,848,000	601,000	4.5	8.2
1958	172,226,000	3,116,000	1.8	14,410,000	562,000	4.1	8.4
1959	175,277,000	3,051,000	1.8	14,964,000	554,000	3.8	8.5
1960	178,140,000	2,863,000	1.6	15,550,000	586,000	3.9	8.7
1961	181,143,000	3,003,000	1.7	16,108,000	558,000	3.6	8.9
1962	183,677,000	2,534,000	1.4	16,634,000	526,000	3.3	9.1
1963	186,493,000	2,816,000	1.5	17,197,000	563,000	3.4	9.2
1964	189,141,000	2,648,000	1.4	17,706,000	509,000	3.0	9.4
1965	191,605,000	2,464,000	1.3	18,143,000	437,000	2.5	9.5
1966	193,420,000	1,815,000	0.9	18,459,000	316,000	1.7	9.5
1967	195,264,000	1,844,000	1.0	18,796,000	337,000	1.8	9.6
1968	197,113,000	1,849,000	0.9	19,046,000	250,000	1.3	9.7
1969	199,145,000	2,032,000	1.0	19,354,000	308,000	1.6	9.7
1970	201,895,000	2,750,000	1.4	19,663,000	309,000	1.6	9.7
1971	204,866,000	2,971,000	1.5	20,002,000	339,000	1.7	9.8
1972	207,511,000	2,645,000	1.3	20,264,000	262,000	1.3	9.8
1973	209,600,000	2,089,000	1.0	20,558,000	294,000	1.4	9.8
1974	211,636,000	2,036,000	1.0	20,874,000	316,000	1.5	9.9
1975	213,788,000	2,152,000	1.0	21,249,000	375,000	1.8	9.9
1976	215,894,000	2,106,000	1.0	21,653,000	404,000	1.9	10.0
1977	218,106,000	2,212,000	1.0	22,075,000	422,000	1.9	10.1
1978	220,467,000	2,361,000	1.1	22,566,000	491,000	2.2	10.2
1979	222,969,000	2,502,000	1.1	22,991,000	425,000	1.9	10.3
1980	225,613,000	2,644,000	1.2	23,511,000	520,000	2.3	10.4
1981	227,796,000	2,183,000	1.0	24,004,000	493,000	2.1	10.5
1982	229,979,000	2,183,000	1.0	24,517,000	513,000	2.1	10.7
1983	232,086,000	2,107,000	0.9	25,050,000	533,000	2.2	10.8
1984	234,104,000	2,018,000	0.9	25,518,000	468,000	1.9	10.9
1985	236,219,000	2,115,000	0.9	26,100,000	582,000	2.3	11.0
1986	238,419,000	2,200,000	0.9	26,746,000	646,000	2.5	11.2
1987	240,566,000	2,147,000	0.9	27,407,000	661,000	2.5	11.4
1988	242,847,000	2,281,000	0.9	28,092,000	685,000	2.5	11.6
1989	245,140,000	2,293,000	0.9	28,835,000	743,000	2.6	11.8
1990	247,826,000	2,686,000	1.1	29,677,000	842,000	2.9	12.0

a/ Includes Alaska and Hawaii. b/ Includes members of the Armed Forces stationed in the area.
Source: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, and Department of Finance estimates.

Department of Finance
Demographic Research Unit
(916) 322-4651

TABLE B-2

COMPONENTS OF CHANGE IN CALIFORNIA'S CIVILIAN POPULATION AS OF JULY 1, 1970 TO 1990

(In thousands)

Year	Civilian population	Net change from preceeding year	Births	Deaths	Natural increase	Net migration a/	Net transfer between civilian and military status
1970	19,663						
1971	20,002	339	352	169	183	130	26
1972	20,264	262	313	169	144	98	20
1973	20,558	294	303	173	130	162	2
1974	20,874	316	301	170	131	182	3
1975	21,249	375	316	171	145	228	2
1976	21,653	404	323	170	153	248	3
1977	22,075	422	342	168	174	248	0
1978	22,566	491	350	173	177	314	0
1979	22,991	425	368	177	191	234	0
1980	23,511	520	390	180	210	310	0
1981	24,004	493	413	189	224	269	0
1982	24,517	513	425	186	239	274	0
1983	25,050	533	435	188	247	286	0
1984	25,518	468	437	191	246	222	0
1985	26,100	582	457	202	255	327	0
1986	26,746	646	481	200	281	365	0
1987	27,407	661	493	206	287	374	0
1988	28,092	685	517	214	303	382	0
1989	28,835	743	547	216	331	412	0
1990	29,677	842	601	211	390	452	0

a/ 1971-1980 may be biased upwards by about 66,000 persons per year due to improved census techniques. For further information contact Demographic Research.

Department of Finance
Demographic Research Unit
(916) 322-4651

TABLE B-3

TOTAL POPULATION OF CALIFORNIA COUNTIES AS OF JULY 1

County	1970	1980	1985	1986	1987	1988	1989	1990
California	20,039,000	23,782,000	26,403,000	27,052,000	27,717,000	28,393,000	29,142,000	29,976,000
Alameda	1,073,000	1,109,500	1,196,000	1,215,200	1,228,800	1,250,600	1,271,000	1,282,400
Alpine	500	1,100	1,100	1,200	1,100	1,100	1,100	1,100
Amador	11,900	19,500	22,200	22,800	24,000	26,400	28,300	30,600
Butte	102,500	144,900	161,600	164,400	168,100	173,400	176,900	183,900
Calaveras	13,700	20,900	25,000	26,100	27,600	28,800	30,600	32,500
Colusa	12,400	12,900	14,600	14,800	14,800	15,300	15,900	16,400
Contra Costa	557,500	658,500	710,900	725,800	740,800	760,800	785,000	810,300
Del Norte	14,600	18,300	19,100	19,500	20,000	20,900	20,400	24,500
El Dorado	44,100	86,500	99,100	102,900	107,600	114,000	119,700	128,200
Fresno	413,800	517,400	582,800	593,300	609,100	627,500	649,000	673,900
Glenn	17,500	21,500	22,900	23,000	23,000	23,500	24,200	25,000
Humboldt	100,200	108,900	110,600	111,700	112,700	114,700	117,000	119,800
Imperial	74,400	92,500	98,600	99,800	101,300	103,600	106,100	110,400
Inyo	15,600	17,900	18,000	17,800	17,700	17,900	18,000	18,400
Kern	331,100	406,100	473,800	485,900	497,900	511,200	525,100	549,800
Kings	66,700	74,200	83,900	84,500	86,200	92,800	98,300	102,500
Lake	19,800	36,800	45,600	46,300	47,300	48,200	49,200	51,100
Lassen	16,900	21,800	24,300	24,900	26,500	27,200	26,900	27,800
Los Angeles	7,055,800	7,500,300	8,191,500	8,372,600	8,527,500	8,639,300	8,768,700	8,897,500
Madera	41,700	63,900	74,800	76,000	78,600	81,300	83,000	89,800
Marin	207,000	222,700	220,200	221,400	221,800	223,000	227,000	231,200
Mariposa	6,100	11,200	12,500	12,700	12,900	13,300	13,600	14,500
Mendocino	51,300	67,000	73,400	74,500	75,600	76,800	78,500	81,000
Merced	105,000	135,500	157,000	159,500	162,900	167,800	172,000	180,600
Modoc	7,500	8,700	9,400	9,200	9,200	9,200	9,400	9,700
Mono	4,100	8,700	8,800	8,800	8,900	9,100	9,300	10,200
Monterey	247,800	292,100	327,400	333,700	338,400	343,000	346,600	358,800
Napa	79,400	99,300	102,900	104,100	104,800	106,100	108,100	111,700
Nevada	26,500	52,500	64,700	67,100	69,900	72,800	75,300	79,600
Orange	1,431,900	1,944,800	2,166,300	2,218,400	2,268,300	2,316,500	2,372,400	2,424,100
Placer	78,000	118,400	138,800	144,200	150,600	157,400	164,600	175,600
Plumas	11,700	17,400	18,600	18,700	19,000	19,300	19,300	19,900
Riverside	461,600	669,800	836,400	888,600	949,700	1,018,000	1,096,500	1,195,400
Sacramento	636,700	787,900	890,700	918,200	951,400	981,700	1,011,800	1,051,400
San Benito	18,400	25,200	29,900	31,400	32,700	34,100	35,900	37,000
San Bernardino	685,300	902,200	1,065,600	1,120,800	1,189,800	1,269,500	1,353,000	1,440,700
San Diego	1,367,200	1,873,300	2,109,300	2,182,900	2,260,700	2,341,000	2,432,800	2,520,500
San Francisco	713,200	680,500	727,500	737,500	735,900	730,100	724,500	723,900
San Joaquin	292,100	350,200	417,200	433,700	448,800	461,400	471,500	483,800
San Luis Obispo	106,600	156,600	184,200	190,700	197,100	201,400	210,500	219,500
San Mateo	557,100	588,100	617,300	619,400	625,700	633,700	642,600	652,100
Santa Barbara	265,800	300,000	338,200	345,100	351,200	354,600	364,700	371,400
Santa Clara	1,072,600	1,300,200	1,410,500	1,419,600	1,433,800	1,456,600	1,485,400	1,502,200
Santa Cruz	124,500	189,100	208,500	212,900	217,200	221,000	227,700	230,800
Shasta	78,000	116,600	129,100	131,200	134,200	138,200	141,800	148,800
Sierra	2,400	3,100	3,200	3,200	3,200	3,300	3,200	3,400
Siskiyou	33,200	40,000	41,500	41,100	41,300	42,000	42,800	43,800
Solano	172,500	237,200	273,300	284,800	297,800	310,400	325,200	345,700
Sonoma	206,500	301,400	333,600	343,500	353,800	365,500	377,200	392,000
Stanislaus	195,800	267,700	302,000	312,600	325,200	338,300	354,200	376,100
Sutter	42,100	52,600	57,800	58,600	59,900	61,200	62,400	65,100
Tehama	29,600	39,100	44,000	44,600	45,700	46,900	48,000	50,100
Trinity	7,600	12,000	12,800	12,700	12,600	13,000	13,000	13,100
Tulare	189,400	247,400	280,600	286,600	292,700	299,200	304,000	314,600
Tuolumne	22,300	34,200	39,900	41,700	43,900	45,400	47,000	49,000
Ventura	381,400	532,200	596,900	611,200	627,000	645,000	662,000	671,600
Yolo	92,700	113,900	123,500	125,000	128,200	132,900	137,100	142,500
Yuba	44,400	49,800	53,100	53,600	54,600	55,800	56,700	58,700

Department of Finance, Demographic Research Unit (916) 322-4651

TABLE B-4

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1990 AND 1991 a/b/

County and city	1990	1991	County and city	1990	1991
California	29,558,000	30,351,000	Richmond	86,600	89,300
			San Pablo	25,000	25,800
ALAMEDA	1,274,700	1,293,000	San Ramon	35,100	35,950
Alameda	75,900	77,500	Walnut Creek	60,400	61,000
Albany	16,300	16,400	Unincorporated	150,100	155,200
Berkeley	102,700	103,000			
Dublin	23,400	23,500	DEL NORTE	21,650	25,950
Emeryville	5,725	5,875	Crescent City	4,310	4,470
Fremont	172,200	174,500	Unincorporated	17,350	21,450
Hayward	111,100	115,200			
Livermore	56,100	58,100	EL DORADO	123,900	130,800
Newark	37,800	38,050	Placerville	8,225	8,450
Oakland	371,100	376,700	South Lake Tahoe	21,300	21,950
Piedmont	10,600	10,650	Unincorporated	94,400	100,500
Pleasanton	50,600	51,700			
San Leandro	68,100	68,500	FRESNO	661,400	686,800
Union City	53,600	54,600	Clovis	49,700	52,500
Unincorporated	119,500	118,800	Coalinga	8,050	8,300
			Firebaugh	4,170	4,770
ALPINE	1,100	1,140	Fowler	3,140	3,340
Unincorporated	1,100	1,140	Fresno	350,800	367,700
			Huron	4,610	4,840
AMADOR	29,600	31,250	Kerman	5,375	5,625
Amador	200	210	Kingsburg	7,125	7,425
Ione	6,450	7,125	Mendota	6,800	7,050
Jackson	3,500	3,620	Orange Cove	5,525	5,650
Plymouth	810	820	Parlier	7,875	8,050
Sutter Creek	1,740	1,890	Reedley	15,650	16,250
Unincorporated	16,900	17,600	Sanger	16,650	17,400
			San Joaquin	2,300	2,350
BUTTE	180,400	186,700	Selma	14,650	15,200
Biggs	1,540	1,650	Unincorporated	159,000	160,500
Chico	39,700	41,900			
Gridley	4,630	4,700	GLENN	24,550	25,300
Oroville	11,850	12,300	Orland	5,050	5,175
Paradise	25,250	25,800	Willows	5,925	6,100
Unincorporated	97,400	100,300	Unincorporated	13,600	14,050
CALAVERAS	31,550	33,350	HUMBOLDT	118,400	121,000
Angels Camp	2,390	2,470	Arcata	15,100	15,400
Unincorporated	29,150	30,850	Blue Lake	1,240	1,250
			Eureka	26,950	27,300
COLUSA	16,150	16,650	Ferndale	1,340	1,320
Colusa	4,900	5,025	Fortuna	8,750	8,900
Williams	2,280	2,420	Rio Dell	3,000	3,050
Unincorporated	8,975	9,200	Trinidad	360	360
			Unincorporated	61,700	63,400
CONTRA COSTA	797,600	819,300			
Antioch	60,900	64,500	IMPERIAL	108,300	112,300
Brentwood	7,500	8,250	Brawley	18,800	19,450
Clayton	7,150	7,925	Calexico	18,450	19,200
Concord	110,900	112,200	Calipatria	2,690	2,700
Danville	31,200	32,200	El Centro	31,100	32,650
El Cerrito	22,850	23,000	Holtville	4,760	4,870
Hercules	16,400	17,650	Imperial	4,040	4,280
Lafayette	23,450	23,550	Westmorland	1,280	1,400
Martinez	31,700	32,050	Unincorporated	27,200	27,800
Moraga	15,850	15,950			
Orinda	16,650	16,700	INYO	18,200	18,550
Pinole	17,000	17,900	Bishop	3,450	3,490
Pittsburg	47,250	48,600	Unincorporated	14,750	15,100
Pleasant Hill	31,550	31,500			

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1990 AND 1991 a/b/

County and city	1990	1991	County and city	1990	1991
KERN	537,300	559,900	Huntington Park	55,600	57,600
Arvin	9,125	9,375	Industry	620	700
Bakersfield	172,900	180,500	Inglewood	108,900	111,700
California City	5,425	7,175	Irwindale	1,050	1,070
Delano	22,500	23,350	La Canada Flintridge	19,450	19,350
Maricopa	1,190	1,220	La Habra Heights	6,225	6,225
McFarland	6,925	7,075	Lakewood	74,000	73,600
Ridgecrest	27,600	28,250	La Mirada	40,250	42,150
Shafter	8,325	9,425	Lancaster	95,800	102,000
Taft	5,875	5,950	La Puente	36,850	37,600
Tehachapi	5,700	5,950	La Verne	30,600	31,100
Wasco	12,300	12,650	Lawndale	27,200	27,550
Unincorporated	259,400	268,900	Lomita	19,400	19,450
			Long Beach	427,100	439,300
KINGS	100,800	104,400	Los Angeles	3,476,700	3,536,800
Avenal	9,550	9,650	Lynwood	61,500	62,700
Corcoran	13,450	14,400	Manhattan Beach	32,100	32,150
Hanford	30,650	32,000	Maywood	28,050	28,550
Lemoore	13,450	14,000	Monrovia	35,750	36,000
Unincorporated	33,650	34,350	Montebello	59,400	59,900
			Monterey Park	60,700	61,300
LAKE	50,200	52,000	Norwalk	93,900	95,100
Clearlake	11,750	12,100	Palmdale	61,800	78,000
Lakeport	4,360	4,500	Palos Verdes Estates	13,500	13,400
Unincorporated	34,050	35,450	Paramount	47,400	49,600
			Pasadena	131,600	132,400
LASSEN	27,000	28,000	Pico Rivera	59,100	59,500
Susanville	7,200	7,325	Pomona	130,200	133,800
Unincorporated	19,800	20,650	Rancho Palos Verdes	41,650	41,550
			Redondo Beach	60,100	60,300
LOS ANGELES	8,832,500	8,988,800	Rolling Hills	1,880	1,850
Agoura Hills	20,350	20,600	Rolling Hills Estates	7,825	7,825
Alhambra	81,900	83,700	Rosemead	51,500	52,200
Arcadia	48,150	48,550	San Dimas	32,500	33,100
Artesia	15,400	15,600	San Fernando	22,650	23,350
Avalon	2,930	3,000	San Gabriel	37,100	37,550
Azusa	41,300	41,550	San Marino	13,000	12,950
Baldwin Park	69,200	69,900	Santa Clarita	111,000	118,800
Bell	34,250	35,050	Santa Fe Springs	15,550	15,500
Bellflower	62,100	62,400	Santa Monica	87,000	86,900
Bell Gardens	42,350	43,100	Sierra Madre	10,850	10,800
Beverly Hills	31,850	32,150	Signal Hill	8,400	8,350
Bradbury	830	830	South El Monte	20,850	21,250
Burbank	93,300	95,400	South Gate	85,700	87,800
Carson	84,000	83,700	South Pasadena	24,000	24,050
Cerritos	53,300	53,300	Temple City	31,000	31,250
Claremont	32,450	31,950	Torrance	133,400	133,500
Commerce	12,200	12,100	Vernon	150	150
Compton	90,500	91,000	Walnut	29,200	29,950
Covina	43,250	43,200	West Covina	96,100	97,000
Cudahy	22,650	22,950	West Hollywood	36,200	36,150
Culver City	38,950	38,700	Westlake Village	7,125	7,525
Diamond Bar	53,700	53,600	Whittier	77,600	78,900
Downey	91,500	92,100	Unincorporated	966,700	972,900
Duarte	20,450	20,900			
El Monte	105,900	108,500	MADERA	86,400	92,300
El Segundo	15,250	15,200	Chowchilla	5,850	6,200
Gardena	49,750	52,300	Madera	28,800	30,000
Glendale	178,700	182,600	Unincorporated	51,800	56,100
Glendora	47,850	47,950			
Hawaiian Gardens	13,550	13,750	MARIN	229,900	233,500
Hawthorne	71,100	72,900	Belvedere	2,160	2,170
Hermosa Beach	18,200	18,300	Corte Madera	8,300	8,325
Hidden Hills	1,710	1,800	Fairfax	6,925	7,025

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1990 AND 1991 a/b/

County and city	1990	1991
Larkspur	11,100	11,200
Mill Valley	13,100	13,150
Novato	47,650	48,100
Ross	2,130	2,160
San Anselmo	11,800	11,800
San Rafael	48,450	49,750
Sausalito	7,150	7,225
Tiburon	7,550	7,675
Unincorporated	63,600	65,000
MARIPOSA	14,050	14,800
Unincorporated	14,050	14,800
MENDOCINO	79,700	81,800
Fort Bragg	6,000	6,125
Point Arena	400	400
Ukiah	14,600	14,800
Willits	5,000	5,075
Unincorporated	53,700	55,400
MERCED	176,300	184,000
Atwater	22,100	22,800
Dos Palos	4,180	4,230
Gustine	3,930	3,980
Livingston	7,250	7,775
Los Banos	13,750	15,300
Merced	55,700	57,600
Unincorporated	69,400	72,300
MODOC	9,600	9,825
Alturas	3,190	3,260
Unincorporated	6,400	6,575
MONO	9,750	10,250
Mammoth Lakes	4,760	4,990
Unincorporated	4,980	5,250
MONTEREY	353,400	362,800
Carmel-by-the-Sea	4,240	4,290
Del Rey Oaks	1,670	1,660
Gonzales	4,570	4,860
Greenfield	7,450	7,750
King City	7,525	7,850
Marina	26,250	26,900
Monterey	32,200	32,300
Pacific Grove	16,100	16,250
Salinas	107,800	111,200
Sand City	190	200
Seaside	38,900	39,750
Soledad	7,000	13,900
Unincorporated	99,600	96,000
NAPA	109,900	112,700
Calistoga	4,450	4,500
Napa	61,400	63,000
St. Helena	4,970	5,000
Yountville	3,230	3,330
Unincorporated	35,850	36,850
NEVADA	77,500	80,900
Grass Valley	8,875	9,250
Nevada City	2,850	2,850
Unincorporated	65,700	68,800
ORANGE	2,398,400	2,453,300
Anaheim	264,600	273,500
Brea	32,950	32,950
Buena Park	68,400	69,800
Costa Mesa	95,500	97,400
Cypress	42,700	42,650
Dana Point	31,350	32,750
Fountain Valley	53,800	53,700
Fullerton	113,900	115,600
Garden Grove	142,100	145,000
Huntington Beach	181,300	182,800
Irvine	109,800	111,400
Laguna Beach	23,150	23,450
Laguna Niguel	43,000	47,700
La Habra	51,000	51,600
La Palma	15,400	15,450
Los Alamitos	11,550	11,650
Mission Viejo	72,100	73,700
Newport Beach	66,600	67,300
Orange	110,200	112,700
Placentia	41,300	41,400
San Clemente	40,750	42,150
San Juan Capistrano	25,950	26,750
Santa Ana	292,100	300,300
Seal Beach	25,100	25,100
Stanton	30,350	30,800
Tustin	50,600	52,100
Villa Park	6,300	6,275
Westminster	78,000	78,800
Yorba Linda	51,900	53,900
Unincorporated	226,500	234,600
PLACER	170,100	179,200
Auburn	10,500	10,850
Colfax	1,300	1,340
Lincoln	7,125	7,475
Loomis	5,650	5,750
Rocklin	18,150	21,650
Roseville	43,900	46,900
Unincorporated	83,500	85,300
PLUMAS	19,600	20,050
Portola	2,170	2,200
Unincorporated	17,450	17,850
RIVERSIDE	1,144,400	1,225,000
Banning	19,950	22,050
Beaumont	9,525	10,000
Blythe	8,300	8,550
Cathedral City	29,050	31,850
Coachella	16,600	17,550
Corona	73,100	81,300
Desert Hot Springs	11,500	12,300
Hemet	35,300	38,000
Indian Wells	2,570	2,710
Indio	35,450	38,100
Lake Elsinore	17,850	19,200
La Quinta	10,600	12,950
Moreno Valley	115,300	126,300
Norco	23,100	23,450
Palm Desert	22,850	23,750
Palm Springs	39,900	40,600
Perris	21,050	23,950

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1990 AND 1991 a/b/

County and city	1990	1991	County and city	1990	1991
Rancho Mirage	9,650	10,000	SAN FRANCISCO	724,000	726,700
Riverside	223,200	230,000	San Francisco	724,000	726,700
San Jacinto	15,550	17,600			
Temecula	25,600	27,400	SAN JOAQUIN	477,700	490,000
Unincorporated	378,400	407,300	Escalon	4,370	4,680
			Lathrop	6,750	7,000
SACRAMENTO	1,031,500	1,066,800	Lodi	51,900	52,500
Folsom	29,600	33,300	Manteca	40,600	41,500
Galt	8,775	9,400	Ripon	7,425	7,900
Isleton	840	830	Stockton	209,800	215,100
Sacramento	366,500	374,600	Tracy	32,400	35,750
Unincorporated	625,800	648,700	Unincorporated	124,400	125,600
SAN BENITO	36,400	37,200	SAN LUIS OBISPO	215,000	221,300
Hollister	19,000	19,800	Arroyo Grande	14,200	14,600
San Juan Bautista	1,570	1,570	Atascadero	22,900	23,400
Unincorporated	15,850	15,800	El Paso De Robles	18,350	19,250
			Grover City	11,650	11,950
SAN BERNARDINO	1,396,600	1,471,300	Morro Bay	9,600	9,800
Adelanto	8,250	8,700	Pismo Beach	7,575	7,750
Apple Valley	44,850	48,550	San Luis Obispo	41,650	42,600
Barstow	21,200	21,850	Unincorporated	89,100	92,000
Big Bear Lake	5,300	5,375			
Chino	59,500	60,600	SAN MATEO	647,400	657,300
Colton	39,500	41,350	Atherton	7,175	7,100
Fontana	85,200	91,300	Belmont	24,150	24,250
Grand Terrace	10,750	12,600	Brisbane	2,920	2,980
Hesperia	49,100	53,200	Burlingame	26,750	27,000
Highland	33,800	35,650	Colma	1,100	1,140
Loma Linda	17,000	18,450	Daly City	91,700	94,100
Montclair	28,100	28,800	East Palo Alto	23,350	23,750
Needles	5,050	6,000	Foster City	28,100	28,250
Ontario	129,900	135,500	Half Moon Bay	8,750	9,525
Rancho Cucamonga	98,400	104,900	Hillsborough	10,700	10,700
Redlands	59,700	63,200	Menlo Park	28,050	28,400
Rialto	70,300	75,700	Millbrae	20,400	20,500
San Bernardino	162,000	171,600	Pacifica	37,550	37,850
Twentynine Palms	11,750	11,950	Portola Valley	4,210	4,160
Upland	62,600	64,000	Redwood City	65,600	67,300
Victorville	39,100	44,500	San Bruno	38,950	39,150
Yucaipa	32,250	33,850	San Carlos	26,100	26,300
Unincorporated	322,900	333,700	San Mateo	85,200	86,300
			South San Francisco	54,100	54,900
SAN DIEGO	2,480,100	2,548,700	Woodside	5,025	5,075
Carlsbad	62,900	64,300	Unincorporated	57,500	58,500
Chula Vista	134,300	138,700			
Coronado	28,550	26,600	SANTA BARBARA	368,000	376,600
Del Mar	4,840	4,880	Carpinteria	13,300	13,950
El Cajon	88,300	89,300	Guadalupe	5,475	5,575
Encinitas	55,000	56,000	Lompoc	37,100	38,800
Escondido	107,700	110,800	Santa Barbara	85,300	87,000
Imperial Beach	26,350	26,650	Santa Maria	60,900	63,400
La Mesa	52,700	53,300	Solvang	4,750	4,850
Lemon Grove	23,850	24,300	Unincorporated	161,100	163,000
National City	54,000	55,700			
Oceanside	126,100	133,700	SANTA CLARA	1,493,800	1,513,100
Poway	42,950	44,450	Campbell	35,900	36,250
San Diego	1,101,900	1,130,000	Cupertino	40,300	40,350
San Marcos	38,100	40,250	Gilroy	31,450	31,750
Santee	52,700	53,200	Los Altos	26,300	26,350
Solana Beach	12,900	13,000	Los Altos Hills	7,525	7,525
Vista	70,600	74,200	Los Gatos	27,300	27,450
Unincorporated	396,100	409,300	Milpitas	50,500	51,600

TABLE B-4 (Continued)

TOTAL POPULATION OF CALIFORNIA CITIES, JANUARY 1, 1990 AND 1991 a/b/

County and city	1990	1991	County and city	1990	1991
Monte Sereno	3,290	3,290	Modesto	162,200	170,300
Morgan Hill	23,900	24,750	Newman	4,010	4,420
Mountain View	67,400	68,200	Oakdale	11,800	12,450
Palo Alto	56,000	56,000	Patterson	8,425	8,975
San Jose	779,000	791,600	Riverbank	8,450	9,475
Santa Clara	93,500	94,100	Turlock	41,700	43,900
Saratoga	28,100	28,000	Waterford	4,550	5,075
Sunnyvale	117,300	119,600	Unincorporated	94,800	97,800
Unincorporated	106,100	106,200			
			SUTTER	63,700	66,100
SANTA CRUZ	228,700	232,500	Live Oak	4,270	4,480
Capitola	10,000	10,300	Yuba City	27,100	28,700
Santa Cruz	48,800	49,900	Unincorporated	32,350	32,900
Scotts Valley	8,550	8,925			
Watsonville	30,850	31,950	TEHAMA	49,100	50,900
Unincorporated	130,500	131,400	Corning	5,800	6,025
			Red Bluff	12,300	12,550
SHASTA	145,300	151,800	Tehama	400	410
Anderson	8,350	8,375	Unincorporated	30,650	31,900
Redding	64,600	70,000			
Unincorporated	72,300	73,500	TRINITY	13,050	13,150
			Unincorporated	13,050	13,150
SIERRA	3,280	3,360			
Loyalton	920	930	TULARE	309,200	319,600
Unincorporated	2,360	2,430	Dinuba	12,700	13,100
			Exeter	7,250	7,425
SISKIYOU	43,300	44,200	Farmersville	6,225	6,350
Dorris	890	900	Lindsay	8,325	8,500
Dunsmuir	2,120	2,150	Porterville	29,300	30,400
Etna	820	830	Tulare	33,100	34,100
Fort Jones	630	640	Visalia	74,200	78,800
Montague	1,410	1,420	Woodlake	5,675	5,775
Mount Shasta	3,460	3,550	Unincorporated	132,400	135,200
Tulelake	1,010	1,010			
Weed	3,060	3,110	TUOLUMNE	48,000	49,900
Yreka	6,925	7,025	Sonora	4,180	4,200
Unincorporated	22,950	23,600	Unincorporated	43,800	45,700
SOLANO	335,200	352,300	VENTURA	666,800	677,900
Benicia	24,150	25,550	Camarillo	52,200	53,900
Dixon	10,250	11,050	Fillmore	11,900	12,100
Fairfield	76,300	79,600	Moorpark	25,250	25,900
Rio Vista	3,340	3,430	Ojai	7,625	7,650
Suisun City	22,250	23,550	Oxnard	141,700	143,800
Vacaville	69,900	75,000	Port Hueneme	20,100	20,350
Vallejo	107,700	112,000	San Buenaventura	92,600	93,500
Unincorporated	21,400	22,050	Santa Paula	25,050	25,500
			Simi Valley	99,700	100,900
SONOMA	384,700	396,800	Thousand Oaks	104,300	105,700
Cloverdale	4,880	5,000	Unincorporated	86,300	88,600
Cotati	5,625	5,825			
Healdsburg	9,450	9,625	YOLO	140,000	145,000
Petaluma	42,800	43,500	Davis	45,850	47,000
Rohnert Park	36,050	37,000	West Sacramento	28,650	29,350
Santa Rosa	112,100	115,900	Winters	4,540	4,780
Sebastopol	6,950	7,200	Woodland	39,600	40,250
Sonoma	8,025	8,225	Unincorporated	21,300	23,600
Unincorporated	158,700	164,500			
			YUBA	57,700	59,400
STANISLAUS	365,100	383,300	Marysville	12,250	12,500
Ceres	25,950	27,500	Wheatland	1,620	1,720
Hughson	3,210	3,380	Unincorporated	43,900	45,200

a/ Totals may not add due to independent rounding.
b/ Benchmarked to the 1990 Census.

Department of Finance
Demographic Research Unit
(916) 322-4651

TABLE B-5

POPULATION AND PERCENT DISTRIBUTION BY RACE AND HISPANIC ORIGIN, 1990 CENSUS

	Total population	Excluding Hispanic								Hispanic	
		White	%	Black	%	Asian & Pacific Islander	%	Am. Indian, Eskimo, Aleut and Other	%		%
California	29,760,021	17,029,126	57.2	2,092,446	7.0	2,710,353	9.1	240,158	0.8	7,687,938	25.8
Alameda	1,279,182	680,017	53.2	222,873	17.4	184,813	14.4	9,674	0.8	181,805	14.2
Alpine	1,113	772	69.4	5	0.4	5	0.4	257	23.1	74	6.6
Amador	30,039	25,129	83.7	1,670	5.6	200	0.7	520	1.7	2,520	8.4
Butte	182,120	158,242	86.9	2,238	1.2	4,961	2.7	3,073	1.7	13,606	7.5
Calaveras	31,998	29,288	91.5	180	0.6	187	0.6	629	2.0	1,714	5.4
Colusa	16,275	10,105	62.1	81	0.5	321	2.0	344	2.1	5,424	33.3
Contra Costa	803,732	560,146	69.7	72,799	9.1	73,810	9.2	5,695	0.7	91,282	11.4
Del Norte	23,460	18,302	78.0	853	3.6	433	1.8	1,458	6.2	2,414	10.3
El Dorado	125,995	113,053	89.7	579	0.5	2,318	1.8	1,268	1.0	8,777	7.0
Fresno	667,490	338,595	50.7	31,311	4.7	54,110	8.1	6,840	1.0	236,634	35.5
Glenn	24,798	18,461	74.4	131	0.5	773	3.1	475	1.9	4,958	20.0
Humboldt	119,118	104,671	87.9	934	0.8	2,255	1.9	6,269	5.3	4,989	4.2
Imperial	109,303	31,742	29.0	2,272	2.1	1,632	1.5	1,722	1.6	71,935	65.8
Inyo	18,281	14,819	81.1	71	0.4	172	0.9	1,683	9.2	1,536	8.4
Kern	543,477	340,892	62.7	28,851	5.3	14,879	2.7	6,860	1.3	151,995	28.0
Kings	101,469	54,426	53.6	7,747	7.6	3,408	3.4	1,337	1.3	34,551	34.1
Lake	50,631	44,603	88.1	924	1.8	431	0.9	1,040	2.1	3,633	7.2
Lassen	27,598	21,920	79.4	1,699	6.2	293	1.1	803	2.9	2,883	10.4
Los Angeles	8,863,164	3,618,850	40.8	934,776	10.5	907,810	10.2	50,486	0.6	3,351,242	37.8
Madera	88,090	52,974	60.1	2,294	2.6	1,084	1.2	1,338	1.5	30,400	34.5
Marin	230,096	194,665	84.6	7,529	3.3	9,064	3.9	908	0.4	17,930	7.8
Mariposa	14,302	12,771	89.3	120	0.8	113	0.8	601	4.2	697	4.9
Mendocino	80,345	67,775	84.4	482	0.6	866	1.1	2,974	3.7	8,248	10.3
Merced	178,403	96,701	54.2	7,889	4.4	14,109	7.9	1,597	0.9	58,107	32.6
Modoc	9,678	8,479	87.6	78	0.8	35	0.4	385	4.0	701	7.2
Mono	9,956	8,329	83.7	41	0.4	114	1.1	346	3.5	1,126	11.3
Monterey	355,660	186,166	52.3	21,506	6.0	25,365	7.1	3,053	0.9	119,570	33.6
Napa	110,765	89,453	80.8	1,167	1.1	3,391	3.1	813	0.7	15,941	14.4
Nevada	78,510	73,697	93.9	172	0.2	615	0.8	757	1.0	3,269	4.2
Orange	2,410,556	1,554,501	64.5	39,159	1.6	240,756	10.0	11,312	0.5	564,828	23.4
Placer	172,796	152,601	88.3	987	0.6	3,635	2.1	1,702	1.0	13,871	8.0
Plumas	19,739	17,996	91.2	151	0.8	112	0.6	573	2.9	907	4.6
Riverside	1,170,413	754,140	64.4	59,966	5.1	38,349	3.3	10,444	0.9	307,514	26.3
Sacramento	1,041,219	721,932	69.3	93,970	9.0	92,131	8.8	11,642	1.1	121,544	11.7
San Benito	36,697	18,793	51.2	167	0.5	653	1.8	284	0.8	16,800	45.8
San Bernardino	1,418,380	862,113	60.8	109,162	7.7	55,387	3.9	13,136	0.9	378,582	26.7
San Diego	2,498,016	1,633,281	65.4	149,898	6.0	185,144	7.4	18,912	0.8	510,781	20.4
San Francisco	723,959	337,118	46.6	76,343	10.5	205,686	28.4	4,095	0.6	100,717	13.9
San Joaquin	480,628	282,766	58.8	24,791	5.2	55,774	11.6	4,624	1.0	112,673	23.4
San Luis Obispo	217,162	176,246	81.2	4,325	2.0	5,774	2.7	1,894	0.9	28,923	13.3
San Mateo	649,623	392,131	60.4	34,000	5.2	105,559	16.2	3,306	0.5	114,627	17.6
Santa Barbara	369,608	244,309	66.1	9,379	2.5	15,050	4.1	2,671	0.7	98,199	26.6
Santa Clara	1,497,577	869,874	58.1	52,583	3.5	251,496	16.8	9,060	0.6	314,564	21.0
Santa Cruz	229,734	171,203	74.5	2,330	1.0	7,690	3.3	1,714	0.7	46,797	20.4
Shasta	147,036	134,001	91.1	1,045	0.7	2,610	1.8	3,728	2.5	5,652	3.8
Sierra	3,318	3,060	92.2	6	0.2	8	0.2	60	1.8	184	5.5
Siskiyou	43,531	38,246	87.9	682	1.6	351	0.8	1,703	3.9	2,549	5.9
Solano	340,421	207,476	60.9	43,858	12.9	40,494	11.9	3,076	0.9	45,517	13.4
Sonoma	388,222	327,429	84.3	5,268	1.4	10,234	2.6	4,068	1.0	41,223	10.6
Stanislaus	370,522	261,323	70.5	6,109	1.6	18,146	4.9	4,047	1.1	80,897	21.8
Sutter	64,415	46,140	71.6	987	1.5	5,748	8.9	948	1.5	10,592	16.4
Tehama	49,625	43,049	86.7	246	0.5	325	0.7	881	1.8	5,124	10.3
Trinity	13,063	11,881	91.0	53	0.4	99	0.8	599	4.6	431	3.3
Tulare	311,921	170,283	54.6	4,305	1.4	12,468	4.0	3,972	1.3	120,893	38.8
Tuolumne	48,456	41,887	86.4	1,529	3.2	362	0.7	952	2.0	3,726	7.7
Ventura	669,016	440,555	65.9	14,559	2.2	32,665	4.9	4,285	0.6	176,952	26.4
Yolo	141,092	96,825	68.6	2,975	2.1	11,455	8.1	1,655	1.2	28,182	20.0
Yuba	58,228	42,924	73.7	2,341	4.0	4,625	7.9	1,610	2.8	6,728	11.6

TABLE B-6

CALIFORNIA POPULATION BY RACE AND HISPANIC ORIGIN
1980 AND 1990 CENSUS

	1980 Census		1990 Census		Change 1980-1990		
	Number a/	% of total	Number	% of total	Number	Percent	% of total change
Excluding Hispanic:							
White	15,850,775	67.0	17,029,126	57.2	1,178,351	7.4	19.3
Black	1,784,086	7.5	2,092,446	7.0	308,360	17.3	5.1
Asian & Pacific Islander	1,242,157	5.2	2,710,353	9.1	1,468,196	118.2	24.1
American Indian, Eskimo, Aleut and Other	249,584	1.1	240,158	0.8	(9,426)	-3.8	-0.2
Hispanic	4,541,300	19.2	7,687,938	25.8	3,146,638	69.3	51.7
Total	23,667,902	100.0	29,760,021	100.0	6,092,119	25.7	100.0

a/ 1980 Race and Hispanic Origin are based upon sample data.

Department of Finance
Demographic Research Unit
(916) 322-4651

SECTION C

LABOR FORCE AND EMPLOYMENT

This section presents statistics relating to the civilian labor force of California, including employment, hours of work, earnings, apprenticeships, work injuries and illnesses, and union membership and settlements. The primary source of the data is the California Employment Development Department, Labor Market Information Division. Other sources include the United States Bureau of Labor Statistics and the California Department of Industrial Relations.

TABLE C-1

EMPLOYMENT AND UNEMPLOYMENT, CALIFORNIA AND METROPOLITAN AREAS

Year/Area	Civilian labor force	Employed a/	Unemployed b/	Unemployment rate
California				
1965	7,284	6,855	429	5.9
1966	7,592	7,217	375	4.9
1967	7,831	7,441	389	5.0
1968	8,090	7,724	366	4.5
1969	8,388	8,016	372	4.4
1970	8,167	7,575	592	7.3
1971	8,407	7,669	739	8.8
1972	8,653	7,996	656	7.6
1973	8,910	8,286	624	7.0
1974	9,317	8,638	679	7.3
1975	9,539	8,598	941	9.9
1976	9,896	8,990	906	9.2
1977	10,367	9,513	853	8.2
1978	10,911	10,137	775	7.1
1979	11,268	10,566	702	6.2
1980	11,584	10,794	790	6.8
1981	11,812	10,938	875	7.4
1982	12,178	10,967	1,210	9.9
1983	12,281	11,095	1,187	9.7
1984	12,610	11,631	980	7.8
1985	12,981	12,048	934	7.2
1986	13,332	12,442	890	6.7
1987	13,737	12,946	791	5.8
1988	14,133	13,385	748	5.3
1989	14,518	13,780	737	5.1
1990	14,670	13,846	823	5.6
Metropolitan Areas, 1990				
Anaheim-Santa Ana	1,382.8	1,336.4	46.4	3.4
Bakersfield	232.4	208.0	24.4	10.5
Chico	74.5	69.9	5.6	7.6
Fresno	318.4	285.9	32.6	10.2
Los Angeles-Long Beach	4,427.8	4,172.8	255.0	5.8
Merced	73.1	64.6	8.5	11.6
Modesto	163.6	145.0	18.6	11.3
Oakland	1,092.3	1,046.4	45.9	4.2
Oxnard-Ventura	374.4	353.7	20.8	5.5
Redding	61.5	56.3	5.3	8.6
Riverside-San Bernardino	1,071.6	1,001.0	70.6	6.6
Sacramento	739.1	703.7	35.5	4.8
Salinas-Seaside-Monterey	160.6	146.5	14.1	8.8
San Diego	1,174.4	1,121.6	52.8	4.5
San Francisco	873.2	844.3	28.9	3.3
San Jose	813.6	780.7	32.9	4.0
Santa Barbara-Santa Maria-Lompoc	180.5	172.4	8.1	4.5
Santa Cruz	134.5	126.0	8.6	6.4
Santa Rosa-Petaluma	210.0	200.8	9.2	4.4
Stockton	196.7	177.5	19.2	9.8
Vallejo-Fairfield-Napa	200.5	189.8	10.7	5.3
Visalia--Tulare-Porterville	136.8	121.3	15.5	11.3
Yuba City	49.2	43.1	6.1	12.5

a/ Includes wage and salary workers, employers, own-account workers, unpaid family workers and workers directly involved in work stoppages.
b/ Excludes the potential or latent supply of workers not active in the labor market.

Employment Development Department
Labor Market Information
Guides and Economic Research Group
(916) 427-4658

TABLE C-2

CIVILIAN UNEMPLOYMENT RATE BY COUNTY

County	1988	1989	1990
California	5.3	5.1	5.6
Alameda	4.6	4.2	4.2
Alpine	5.9	5.0	5.7
Amador	6.7	5.9	5.6
Butte	7.9	7.8	7.6
Calaveras	8.6	8.3	8.2
Colusa	10.4	11.6	12.4
Contra Costa	4.5	4.2	4.3
Del Norte	12.5	12.9	12.6
El Dorado	4.7	4.3	4.3
Fresno	10.8	10.0	10.2
Glenn	10.6	12.4	12.5
Humboldt	7.7	7.8	7.7
Imperial	20.2	22.0	19.1
Inyo	4.7	4.4	6.1
Kern	9.9	10.3	10.5
Kings	10.1	10.0	10.9
Lake	10.6	10.0	9.4
Lassen	8.4	8.4	8.9
Los Angeles	4.9	4.6	5.8
Madera	10.9	11.2	12.3
Marin	3.0	2.6	2.7
Mariposa	5.9	5.6	5.2
Mendocino	8.4	7.8	8.1
Merced	11.1	11.1	11.6
Modoc	8.7	9.1	9.6
Mono	5.0	4.5	6.3
Monterey	8.4	8.1	8.8
Napa	4.7	4.6	4.7
Nevada	6.1	5.6	5.5
Orange	3.0	2.9	3.4
Placer	5.1	4.5	4.8
Plumas	11.1	10.4	10.4
Riverside	6.6	6.7	7.7
Sacramento	5.4	4.8	4.7
San Benito	13.0	12.4	12.5
San Bernardino	5.1	4.9	5.7
San Diego	4.3	3.9	4.5
San Francisco	4.5	4.1	4.0
San Joaquin	9.8	9.4	9.8
San Luis Obispo	4.2	3.7	4.1
San Mateo	2.8	2.7	2.8
Santa Barbara	4.4	4.2	4.5
Santa Clara	3.9	3.8	4.0
Santa Cruz	6.6	6.6	6.4
Shasta	9.1	9.0	8.6
Sierra	9.5	9.8	10.1
Siskiyou	10.7	10.6	11.6
Solano	5.9	5.5	5.6
Sonoma	4.7	4.4	4.4
Stanislaus	12.3	11.2	11.3
Sutter	12.3	13.0	13.8
Tehama	8.8	9.5	10.7
Trinity	11.2	12.4	12.2
Tulare	10.4	10.4	11.3
Tuolumne	7.9	7.1	6.8
Ventura	5.3	5.1	5.5
Yolo	6.7	6.2	6.0
Yuba	11.6	10.8	10.5

Source: Employment Development Department

Department of Finance
Economic Research, (916) 322-2263

TABLE C-3

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS BY MAJOR INDUSTRY, CALIFORNIA, 1960 TO 1990 c/

(In thousands)

Year	Total	Mining	Construc-tion a/	Manufac turing	Trans-portation and utilities	Whole-sale trade	Retail trade	Finance, insurance, real estate	Services	Govern-ment b/
1960	4,896.0	30.6	294.8	1,317.2	356.9	292.2	775.4	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	296.3	784.3	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	303.3	818.1	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	311.9	857.1	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	320.0	904.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	330.5	939.2	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	345.4	983.9	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	352.7	1,006.0	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	361.8	1,056.3	337.8	1,146.8	1,335.8
1969	6,931.5	32.6	310.6	1,661.3	460.7	377.0	1,116.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	n.a.	n.a.	374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	n.a.	n.a.	386.8	1,281.0	1,446.3
1972	7,209.9	29.2	312.4	1,542.7	454.1	409.6	1,199.0	409.3	1,361.0	1,492.7
1973	7,621.9	30.5	333.4	1,660.7	467.0	441.6	1,261.9	431.6	1,470.6	1,524.8
1974	7,834.3	32.7	317.8	1,701.3	470.7	460.6	1,291.4	444.8	1,529.1	1,586.0
1975	7,847.2	33.9	285.9	1,593.7	458.1	465.9	1,320.4	446.4	1,572.4	1,670.6
1976	8,154.2	34.7	301.3	1,659.8	463.9	485.3	1,390.2	468.7	1,654.6	1,695.6
1977	8,599.7	35.6	350.4	1,737.8	476.5	507.5	1,474.9	505.4	1,770.9	1,740.7
1978	9,199.8	37.1	401.9	1,884.6	506.4	534.3	1,591.7	553.2	1,937.4	1,753.1
1979	9,664.6	39.3	448.7	2,012.7	534.7	564.1	1,659.7	595.9	2,074.6	1,735.0
1980	9,848.8	43.5	428.3	2,018.2	546.3	583.7	1,683.2	623.1	2,158.8	1,763.9
1981	9,985.3	49.2	407.6	2,032.3	554.8	590.6	1,710.9	642.9	2,240.5	1,756.4
1982	9,810.3	50.4	349.0	1,957.7	542.8	582.1	1,693.1	642.4	2,257.7	1,735.2
1983	9,965.8	48.1	369.3	1,949.3	536.9	603.8	1,740.1	661.7	2,332.2	1,724.3
1984	10,573.8	50.0	445.2	2,065.5	554.6	643.4	1,864.0	694.2	2,509.5	1,747.4
1985	10,979.1	49.9	496.2	2,076.1	568.7	673.5	1,952.7	724.5	2,644.8	1,792.8
1986	11,258.1	42.6	531.0	2,069.7	574.6	680.4	2,006.1	763.7	2,751.3	1,838.8
1987	11,678.5	41.1	574.6	2,107.6	582.6	689.4	2,072.0	800.9	2,926.7	1,883.7
1988	12,103.4	42.0	603.3	2,149.2	589.0	730.1	2,144.3	807.3	3,104.1	1,934.1
1989	12,569.9	40.2	648.1	2,161.4	607.1	763.8	2,210.1	832.8	3,307.8	1,998.7
1990	12,872.7	39.0	667.3	2,122.8	628.6	778.8	2,247.0	845.1	3,472.6	2,071.4

a/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.

b/ Includes all civilian employees of Federal, State, and local governments regardless of the activity in which the employees are engaged.

c/ There may be breaks in series between 1971-1972 and 1987-1988 due to changes in Standard Industrial Classification. Does not include employers, own-account workers, unpaid family workers, domestic servants, and agricultural workers.

Employment Development Department
Labor Market Information Division
Guides and Economic Research Group
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TABLE C-4

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY, CALIFORNIA, 1983 TO 1990

(In thousands)

Industry	1983	1984	1985	1986	1987	1988	1989	1990
Total a/ b/ c/	9,965.8	10,573.8	10,979.1	11,258.1	11,678.5	12,103.4	12,569.9	12,872.7
Mining	48.1	50.0	49.9	42.6	41.1	42.0	40.2	39.0
Construction d/	369.3	445.2	496.2	531.0	574.6	603.3	648.1	667.3
Manufacturing	1,949.3	2,065.5	2,076.1	2,069.7	2,107.6	2,149.2	2,161.4	2,122.8
Nondurable goods	622.0	639.2	635.7	652.7	680.4	703.3	719.3	731.0
Durable goods	1,327.3	1,426.3	1,440.4	1,417.0	1,427.2	1,445.9	1,442.1	1,391.8
Food and kindred products	173.4	173.3	169.2	170.6	171.4	175.7	180.5	186.2
Textile mill products	13.0	13.7	13.9	14.9	16.3	16.6	17.0	16.8
Apparel and other textile products	103.2	108.0	107.2	114.7	126.4	126.1	131.6	134.7
Paper and allied products	37.0	38.7	39.6	40.0	41.1	40.7	41.8	41.8
Printing and publishing	128.3	136.5	140.1	145.1	152.4	161.5	163.1	166.5
Chemicals and allied products	63.8	64.1	63.7	64.7	67.8	73.2	73.4	72.8
Petroleum and coal products	31.0	30.0	28.8	27.7	27.3	27.8	28.2	27.3
Rubber and miscellaneous plastics product	62.8	66.5	65.7	68.1	70.7	75.4	77.3	78.8
Leather and leather products	9.5	8.5	7.5	7.0	6.9	6.3	6.3	6.1
Lumber and wood products	50.6	55.1	56.1	60.1	66.2	69.2	71.4	67.9
Furniture and fixtures	51.6	59.2	58.9	59.5	63.0	62.0	60.4	57.3
Stone, clay and glass products	48.7	51.6	50.8	52.5	53.7	54.3	56.7	56.2
Primary metal industries	43.5	42.6	41.6	40.8	42.0	43.7	43.4	41.4
Fabricated metal products	137.9	146.7	143.5	135.9	134.3	138.7	139.3	134.2
Industrial machinery	223.4	239.2	229.4	214.0	212.3	219.3	224.1	220.2
Electronic equipment e/	365.4	406.3	413.4	399.7	396.9	270.4	268.0	259.0
Transportation equipment	261.9	277.5	297.3	306.7	310.2	304.0	302.4	295.1
Instruments and related products e/	103.7	110.1	113.9	112.2	112.9	247.7	239.4	224.3
Miscellaneous manufacturing	40.6	37.9	35.5	35.5	35.8	36.7	37.1	36.2
Transportation and utilities	536.9	554.6	568.7	574.6	582.6	589.0	607.1	628.6
Transportation	288.5	307.1	319.3	330.1	340.3	350.3	369.0	385.1
Communication (excl. U.S. postal service)	173.6	169.5	168.2	160.9	157.8	153.1	153.0	156.1
Electric, gas and sanitary services	74.9	78.0	81.3	83.6	84.5	85.6	85.1	87.5
Wholesale trade	603.8	643.4	673.5	680.4	689.4	730.1	763.8	778.8
Retail trade	1,740.1	1,864.0	1,952.7	2,006.1	2,072.0	2,144.3	2,210.1	2,247.0
Finance, insurance and real estate	661.7	694.2	724.5	763.7	800.9	807.3	832.8	845.1
Services	2,332.2	2,509.5	2,644.8	2,751.3	2,926.7	3,104.1	3,307.8	3,472.6
Government f/	1,724.3	1,747.4	1,792.8	1,838.8	1,883.7	1,934.1	1,998.7	2,071.4
Federal	328.0	334.4	343.1	346.3	349.7	354.0	358.2	361.1
State and local g/	1,396.4	1,413.0	1,449.7	1,492.5	1,534.1	1,580.1	1,640.5	1,710.3

a/ Excludes employers, own-account workers, unpaid family workers, domestic servants and agricultural workers.
b/ Detail may not add to totals due to rounding.
c/ Beginning in 1988, data are based on the 1987 SIC codes. Data prior to 1988 are based on the 1972 SIC codes.
d/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.
e/ Beginning in 1988, data are not comparable to prior years due to SIC code changes.
f/ Includes civilian employees of Federal, State and local governments regardless of activity in which engaged.
g/ Includes all employees of State and local public schools.

Employment Development Department
Labor Market Information Division
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TABLE C-5

EMPLOYEES IN CALIFORNIA STATE GOVERNMENT 1975-76 TO 1991-92

Fiscal year	Total a/	Civil Service	State Colleges	University of California	Other
1975-76	206,361	119,866	32,384	52,356	1,786
1976-77	213,795	121,676	32,997	56,984	2,140
1977-78	221,251	126,873	33,778	58,168	2,432
1978-79	218,530	126,282	33,470	56,267	2,512
1979-80	220,193	128,202	33,089	56,332	2,569
1980-81	225,567	131,708	33,953	57,228	2,763
1981-82	228,813	132,503	33,838	59,451	3,021
1982-83	228,489	131,914	33,875	59,624	2,872
1983-84	226,695	131,026	33,407	59,009	3,047
1984-85	229,845	136,974	32,462	57,902	3,207
1985-86	229,641	137,777	32,219	57,652	3,220
1986-87	232,927	137,693	33,660	58,294	3,280
1987-88	237,761	144,244	32,984	56,627	3,905
1988-89	248,173	152,446	35,466	57,589	2,672
1989-90	254,589	156,478	36,630	58,701	2,780
1990-91 e/	268,634	170,511	36,564	58,498	3,060
1991-92 e/	276,714	177,324	37,508	58,783	3,099

a/ Detail may not add to total due to rounding. e/ Estimated.
Source: Governor's Budget, Schedules 4A and 5

Department of Finance
Financial and Economic Research Unit, (916) 322-2263

TABLE C-6

AVERAGE MONTHLY EMPLOYMENT COVERED BY THE UNEMPLOYMENT INSURANCE CODE BY INDUSTRY, CALIFORNIA, 1988 TO 1990 a/

Industry	1988	1989	1990
All industries	12,556,920	13,005,986	13,328,057
Private industry	10,670,598	11,061,671	11,308,989
Agriculture, forestry, and fishing	437,660	444,877	444,729
Mining	41,996	40,127	40,240
Construction	610,850	655,858	660,995
Manufacturing	2,144,294	2,156,871	2,123,859
Transportation and public utilities	571,177	587,018	617,308
Wholesale trade	742,078	770,167	802,796
Retail trade	2,154,182	2,213,928	2,252,710
Finance, insurance, and real estate	820,127	832,072	852,578
Services	3,063,085	3,232,877	3,434,871
Nonclassifiable establishments	85,148	127,876	78,903
Federal, State and local government	1,886,322	1,944,315	2,019,068

a/ Employers not engaged in an exempt activity and who have one or more persons in their employ and pay wages in excess of $100 during a calendar quarter are subject to Code. Exempt employment includes interstate railroads; self-employed; some Federal, State and local government; and some domestic workers in private homes. Exempt workers may be insured under the Code if the employer elects coverage.

Employment Development Department
Labor Market Information Division
Employment and Payroll Group
(916) 427-4933

TABLE C-7

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/

(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
ANAHEIM-SANTA ANA									
Total	848.5	873.8	950.7	999.1	1,040.2	1,091.9	1,149.4	1,190.5	1219.0
Mining	3.9	3.8	3.9	3.1	2.1	1.8	1.4	1.3	1.3
Construction b/	32.0	34.5	44.2	50.5	56.2	63.6	67.6	72.5	69.0
Manufacturing	216.6	217.6	237.6	241.9	241.7	248.6	258.9	256.6	253.0
Nondurable goods	54.2	55.2	59.1	59.7	62.1	65.2	67.4	70.6	71.8
Durable goods	162.4	162.4	178.5	182.2	179.6	183.4	191.5	186.9	181.2
Food and kindred products g/	9.2	8.9	9.1	9.3	9.6	9.9	9.6	9.9	10.5
Textile mill products h/	2.1	2.3	2.9	2.6	2.9	3.2	--	--	--
Apparel & other textile products h	3.6	3.7	3.8	3.9	4.2	4.6	--	--	--
Textile mill, apparel f/	--	--	--	--	--	--	7.8	8.9	10.0
Paper and allied products h/	3.9	3.9	3.9	4.1	4.2	4.3	--	--	--
Printing and publishing h/	11.7	12.4	13.7	14.8	15.7	16.8	--	--	--
Paper, printing, publishing f/	--	--	--	--	--	--	22.5	23.1	23.6
Chemicals and petroleum	10.3	10.6	11.0	10.3	9.9	9.9	10.1	10.2	10.1
Rubber & misc. plastics products	13.2	13.2	14.4	14.6	15.4	16.2	--	--	--
Leather and leather products h/	0.3	0.3	0.3	0.2	0.2	0.3	--	--	--
Rubber, plastic, leather f/	--	--	--	--	--	--	17.4	17.7	17.7
Lumber and wood products h/	2.7	2.7	2.7	3.1	3.6	4.6	--	--	--
Furniture and fixtures h/	6.4	6.9	8.5	8.4	8.2	8.4	--	--	--
Lumber, wood, furniture f/	--	--	--	--	--	--	13.8	13.9	13.2
Stone, clay, and glass products	3.1	3.1	3.2	3.2	3.2	3.5	3.8	4.3	4.3
Primary metal industries h/	2.4	2.4	2.6	2.4	2.4	2.7	--	--	--
Fabricated metal products h/	19.4	19.8	22.3	22.1	20.6	21.3	--	--	--
Primary, fabricated metal products	--	--	--	--	--	--	25.3	24.7	24.0
Industrial machinery g/	31.7	29.6	32.6	32.2	29.4	29.2	33.5	32.7	32.6
Electronic equipment g/	52.8	54.4	61.7	64.3	63.8	63.8	38.6	38.0	37.9
Transportation equipment g/	22.5	22.6	24.2	25.7	28.0	28.9	27.6	28.2	29.3
Instruments & related products g/	17.5	17.3	17.1	17.1	16.1	16.5	43.8	40.4	35.9
Miscellaneous manufacturing	4.0	3.6	3.6	3.6	4.1	4.4	5.0	4.6	4.0
Transportation and public utilities	30.0	29.8	31.3	33.1	33.8	34.2	34.2	34.8	37.9
Wholesale trade	44.5	48.9	55.2	60.2	62.1	63.7	71.6	77.4	81.5
Retail trade	165.6	169.1	180.8	189.8	197.0	206.5	215.2	220.5	221.8
Finance, insurance and real estate	60.9	64.2	69.6	75.8	85.0	92.2	93.7	96.9	102.5
Services	191.0	202.5	223.3	237.0	250.4	266.5	289.0	310.0	326.3
Government c/	104.1	103.5	104.8	107.8	112.0	114.8	117.8	120.5	125.8
Federal	11.9	12.1	13.2	14.0	14.7	15.3	15.9	15.8	15.9
State and local	92.3	91.4	91.6	93.9	97.3	99.4	101.9	104.7	109.9
County	11.8	12.1	12.2	12.7	13.5	13.9	14.3	14.8	16.1
City	14.4	14.4	14.4	15.0	15.5	15.8	16.1	16.5	16.8
Other State and local d/	66.1	65.0	65.0	66.2	68.3	69.8	71.6	73.2	77.1
BAKERSFIELD									
Total	138.9	140.6	148.1	154.3	156.0	159.4	164.2	167.3	171.4
Mining	14.4	14.4	15.6	16.4	13.8	13.2	14.1	13.6	14.3
Construction b/	6.8	7.1	8.2	9.4	9.9	9.6	11.0	10.6	11.3
Manufacturing	10.0	9.9	10.3	10.3	10.2	10.8	10.8	10.8	10.9
Nondurable goods g/	4.9	5.1	5.0	4.9	4.8	4.9	4.7	4.6	4.6
Durable goods g/	5.1	4.9	5.3	5.5	5.4	5.9	6.0	6.2	6.3
Food and kindred products	1.2	1.3	1.6	1.7	1.7	1.7	1.7	1.6	1.7
Petroleum and coal products h/	1.5	1.7	1.3	1.0	0.8	0.7	--	--	--
Chemicals and petroleum f/	--	--	--	--	--	--	1.1	1.1	1.0
Other nondurable goods f/	2.1	2.1	2.1	2.2	2.3	2.4	1.9	1.9	1.9
Stone, clay, & glass products h/	1.1	1.0	1.1	1.1	1.1	1.1	--	--	--
Primary and fabricated metals h/	0.8	0.8	0.8	0.6	0.6	0.5	--	--	--
Industrial machinery and electronic equipment g/	1.7	1.3	1.4	1.5	1.3	1.2	1.2	1.2	1.2
Transportation equipment g/	1.1	1.4	1.5	1.8	1.9	2.4	2.5	2.3	2.4
Other durable goods f/	0.4	0.4	0.5	0.6	0.6	0.7	2.3	2.7	2.7
Transportation & public utilities g/	8.0	7.8	7.6	8.2	8.1	7.9	8.0	8.1	8.3
Wholesale trade g/	8.2	7.7	7.7	7.5	6.8	6.8	7.1	7.7	8.0

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
Retail trade	27.4	28.5	30.9	31.5	31.8	31.6	32.2	32.1	32.2
Finance, insurance, and real estate	5.4	5.6	5.6	5.8	6.2	6.3	6.4	6.5	6.8
Services	25.6	26.4	27.8	28.9	30.4	33.0	34.1	35.5	36.0
Government c/	33.2	33.3	34.4	36.3	38.7	40.3	40.7	42.4	43.7
Federal	9.6	9.7	10.3	10.9	11.4	11.5	11.5	12.1	12.3
State and local	23.7	23.6	24.1	25.4	27.3	28.8	29.2	30.4	31.5
County	5.9	6.1	6.3	6.6	6.8	6.9	6.8	7.0	7.3
City	1.3	1.4	1.5	1.6	1.7	1.7	1.8	1.8	1.8
Other State and local d/	16.4	16.1	16.3	17.2	18.8	20.2	20.6	21.6	22.3
FRESNO									
Total	174.9	176.1	186.3	191.5	196.2	203.2	209.4	217.7	232.0
Mining	1.0	1.0	1.1	1.0	0.7	0.6	0.7	0.6	0.6
Construction b/	8.1	9.1	10.5	11.4	11.7	12.4	12.1	12.7	14.5
Manufacturing	21.2	20.5	21.4	21.1	21.0	21.8	23.6	24.9	26.6
Nondurable goods	11.4	11.1	11.2	11.0	11.4	12.0	13.2	14.6	15.8
Durable goods	9.8	9.4	10.2	10.0	9.6	9.7	10.4	10.3	10.9
Food and kindred products	7.8	7.5	7.4	7.0	7.5	8.0	8.9	9.9	10.6
Other nondurable goods g/	3.6	3.6	3.9	4.1	4.0	4.0	4.3	4.7	5.1
Lumber and wood products h/	0.9	1.0	1.1	1.0	0.9	1.0	--	--	--
Furniture and fixtures h/	0.4	0.4	0.4	0.4	0.3	0.3	--	--	--
Stone, clay, and glass products	1.3	1.3	1.3	1.1	1.1	1.2	1.1	1.1	1.6
Primary and fabricated metals	1.8	1.8	1.9	1.9	1.9	2.0	2.2	2.4	2.3
Machinery (except electrical) and transportation equipment h/	4.5	4.2	4.6	4.6	4.2	4.1	--	--	--
Industrial machinery f/	--	--	--	--	--	--	2.6	2.7	3.0
Transportation equipment f/	--	--	--	--	--	--	1.7	1.6	1.2
Other durable goods f/	0.9	0.8	0.8	1.0	1.1	1.1	2.8	2.9	2.8
Transportation and public utilities	10.3	9.9	10.3	10.0	10.3	11.0	11.7	12.3	12.9
Wholesale trade	12.5	12.1	12.1	12.1	12.8	12.8	13.0	13.6	15.0
Retail trade	33.3	33.7	35.9	37.3	38.5	39.9	41.5	42.2	43.9
Finance, insurance, and real estate	11.4	12.0	12.8	13.2	13.4	13.1	12.1	12.3	13.3
Services	37.1	37.9	41.5	43.2	44.2	47.0	48.2	50.9	54.3
Government c/	40.0	39.8	40.6	42.4	43.6	44.7	46.5	48.1	51.0
Federal	7.2	7.0	7.2	8.2	8.9	9.0	9.6	9.5	9.9
State and local	32.7	32.8	33.4	34.2	34.7	35.6	36.9	38.5	41.1
County	6.2	6.1	6.2	6.4	6.4	6.4	6.6	6.9	7.3
City	3.5	3.4	3.5	3.6	3.7	3.7	3.7	3.8	4.0
Other State and local d/	23.0	23.3	23.7	24.3	24.7	25.5	26.6	27.9	29.8
LOS ANGELES-LONG BEACH									
Total	3,532.7	3,556.8	3,723.5	3,825.1	3,908.2	4,019.8	4,096.8	4,220.6	4,297.8
Mining	14.1	12.8	12.6	12.4	10.5	9.5	9.5	8.7	8.4
Construction b/	100.0	96.8	109.0	120.9	130.7	143.7	146.8	154.4	160.5
Manufacturing	862.8	853.1	885.3	887.1	891.4	905.9	897.7	886.2	858.9
Nondurable goods	286.1	284.1	288.2	284.8	293.9	308.4	312.1	315.8	316.9
Durable goods	576.6	569.0	597.1	602.3	597.5	597.5	585.6	570.5	542.0
Food and kindred products	51.8	51.6	49.8	47.3	47.7	47.1	48.1	48.6	49.9
Textile mill products	8.2	8.4	8.7	9.7	10.2	10.8	11.1	11.2	10.6
Apparel and other textile products	73.5	73.2	77.6	77.8	84.4	93.6	92.4	95.4	95.9
Paper and allied products	17.3	17.2	18.2	18.3	18.2	18.7	18.7	18.5	18.2
Printing and publishing	53.3	53.6	55.2	55.3	57.0	60.4	61.5	62.1	62.7
Chemicals and allied products	27.8	27.0	27.4	27.5	28.2	29.3	31.3	30.5	29.4
Petroleum and coal products	14.6	13.6	12.8	12.2	10.9	10.8	10.7	11.0	11.1
Rubber and miscellaneous plastics products	31.3	31.6	32.1	31.2	32.0	32.6	33.8	33.8	34.6
Leather and leather products	8.3	7.5	6.3	5.6	5.4	5.1	4.6	4.7	4.5
Lumber and wood products	9.2	9.7	10.8	10.6	11.5	12.5	13.5	13.8	13.1

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
Furniture and fixtures	32.8	34.1	38.0	38.1	38.0	40.1	38.6	36.7	34.1
Stone, clay, & glass products f/	19.8	18.9	19.5	17.8	17.8	18.2	17.8	18.3	18.3
Primary metal industries	22.4	20.8	21.4	21.1	21.1	21.5	22.7	22.2	21.0
Fabricated metal products	69.7	69.1	72.9	70.8	68.3	67.5	68.3	66.7	64.7
Industrial machinery f/	81.4	76.2	76.4	72.2	67.3	63.5	62.6	61.8	58.6
Electronic equipment f/	139.1	141.4	150.7	155.5	155.7	155.7	70.6	69.3	64.8
Transportation equipment	152.1	150.9	157.9	165.9	168.4	170.1	165.8	163.3	156.6
Instruments & related products f/	28.2	26.9	28.7	29.7	29.0	28.1	105.7	98.0	91.2
Miscellaneous manufacturing	21.3	20.9	21.1	20.6	20.4	20.4	20.0	20.4	19.5
Transportation and public utilities	197.2	195.1	197.6	200.9	202.7	204.4	207.6	213.6	221.6
Wholesale trade	261.5	264.3	282.2	290.7	293.1	291.7	298.5	311.8	313.8
Retail trade	542.2	548.3	584.1	604.3	617.1	629.2	635.1	649.5	658.2
Finance, insurance, and real estate	234.1	238.3	251.0	260.9	273.6	286.1	281.9	288.4	292.5
Services	853.0	882.3	934.2	970.7	1,001.7	1,054.3	1,114.0	1,186.1	1,245.7
Government c/	468.5	464.9	467.7	477.2	487.4	494.9	505.6	521.8	538.4
Federal	68.0	68.2	69.1	69.8	69.9	70.9	71.4	70.5	72.1
State and local	400.5	396.7	398.6	407.4	417.5	424.0	434.2	451.3	466.2
County	72.7	71.7	73.1	74.8	77.3	78.5	80.2	81.8	84.5
City	70.5	70.8	71.8	73.7	75.4	77.8	79.7	83.6	85.8
Other State and local d/	257.2	254.2	253.7	258.9	264.8	267.7	274.4	285.9	296.0
MODESTO									
Total	84.9	85.6	89.0	93.5	98.0	104.2	108.5	115.3	120.9
Mining	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0
Construction b/	3.9	4.5	5.2	6.0	6.3	7.0	7.3	8.0	8.9
Manufacturing	19.2	18.9	19.7	20.4	21.7	22.9	23.5	25.3	26.2
Nondurable goods	14.5	14.1	14.4	14.7	15.7	16.4	16.8	18.3	19.0
Durable goods	4.8	4.8	5.3	5.7	6.0	6.5	6.7	7.1	7.2
Food and kindred products	11.9	11.5	11.9	12.1	13.0	13.6	13.8	15.3	15.8
Paper and allied products h/	1.4	1.4	1.3	1.4	1.4	1.4	--	--	--
Printing and publishing h/	0.9	0.9	1.0	1.0	1.0	1.1	--	--	--
Other nondurable goods f/	0.3	0.3	0.2	0.2	0.2	0.3	3.0	3.0	3.2
Lumber & stone, clay, glass h/	1.8	1.9	2.0	2.1	2.2	2.4	--	--	--
Lumber, wood, furniture f/	--	--	--	--	--	--	1.4	1.5	1.6
Stone, clay, & glass products f/	--	--	--	--	--	--	1.4	1.5	1.5
Fabricated metal products h/	1.4	1.3	1.4	1.6	1.7	1.7	--	--	--
Primary, fabricated metals f/	--	--	--	--	--	--	1.9	2.1	2.0
Industrial machinery f/	--	--	--	--	--	--	1.3	1.4	1.4
Other durable goods f/	1.6	1.7	1.9	2.1	2.2	2.4	0.7	0.6	0.7
Transportation and public utilities	4.0	4.1	4.4	4.4	4.4	4.5	4.5	4.7	5.1
Wholesale trade	4.3	3.9	4.1	4.6	4.8	5.0	5.5	5.6	5.9
Retail trade	16.8	17.8	18.5	19.0	19.9	21.8	22.7	23.8	25.1
Finance, insurance, and real estate	3.4	3.7	3.9	4.0	4.4	4.4	4.7	5.2	5.0
Services	17.4	17.4	18.3	19.7	20.2	21.4	22.2	23.5	24.7
Government c/	15.8	15.3	15.0	15.4	16.3	17.2	18.0	18.8	20.1
Federal	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.9	1.0
State and local	15.1	14.6	14.2	14.6	15.5	16.4	17.2	17.9	19.1
County	3.5	3.5	3.2	3.3	3.2	3.2	3.5	3.5	3.7
City	1.5	1.5	1.5	1.5	1.6	1.7	1.7	1.8	1.9
Other State and local d/	10.0	9.6	9.6	9.8	10.7	11.5	11.9	12.6	13.5
OAKLAND									
Total	677.4	692.1	735.0	767.1	786.5	813.7	848.8	880.0	901.0
Mining	1.8	1.8	2.0	2.1	2.7	3.2	3.5	3.9	3.3
Construction b/	32.9	35.4	41.5	44.8	45.0	47.3	51.1	52.6	51.8
Manufacturing	101.4	98.7	103.0	102.8	101.6	103.9	110.9	113.5	113.3
Nondurable goods	49.2	48.6	49.9	49.6	49.0	49.6	52.4	59.9	59.0
Durable goods	52.2	50.1	53.0	53.3	52.6	54.3	58.5	53.5	54.3
Food and kindred products	15.1	14.6	14.8	14.2	12.9	12.5	13.6	13.3	13.0

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
Textile mill products h/	0.2	0.2	0.2	0.2	0.3	0.3	--	--	--
Apparel & other textile products h	2.7	2.7	2.8	2.8	2.8	3.2	--	--	--
Paper and allied products	3.3	3.4	3.6	3.8	4.0	4.1	3.9	3.9	3.8
Printing and publishing	7.9	8.0	8.4	8.2	8.2	8.8	9.4	9.9	10.3
Chemicals and allied products g/	10.3	9.6	9.7	9.7	9.5	9.4	10.1	10.5	10.6
Petroleum and coal products	7.8	7.8	7.9	8.5	9.0	8.9	9.3	9.3	9.6
Rubber and miscellaneous plastics products h/	1.8	2.0	2.3	2.1	2.2	2.3	--	--	--
Leather and leather products h/	0.2	0.3	0.3	0.2	0.2	0.2	--	--	--
Other non-durables f/	--	--	--	--	--	--	6.2	6.8	7.1
Lumber and wood products h/	1.1	1.0	1.1	1.1	1.0	1.4	--	--	--
Furniture and fixtures h/	2.1	2.1	2.2	2.1	2.1	2.2	--	--	--
Lumber, wood, furniture f/	--	--	--	--	--	--	3.8	3.4	3.0
Stone, clay and glass products	4.9	4.5	4.7	4.9	5.1	5.1	5.4	5.4	5.2
Primary metal industries	6.5	5.6	5.9	5.2	4.7	4.5	4.5	4.8	4.4
Fabricated metal products	10.7	10.7	10.8	10.7	9.5	9.4	8.9	9.0	8.7
Industrial machinery g/	10.8	10.2	11.2	10.7	10.1	10.1	10.3	11.4	11.6
Electronic equipment g/	6.4	6.6	7.1	7.6	7.9	8.9	11.6	11.6	11.6
Transportation equipment g/	3.8	3.3	3.6	4.6	5.2	5.4	5.3	5.7	5.7
Instruments & related products g/	4.6	4.7	5.1	5.3	5.6	5.8	7.4	7.4	7.3
Miscellaneous manufacturing	1.5	1.5	1.3	1.2	1.3	1.4	1.2	1.4	1.5
Transportation and public utilities	43.4	43.4	46.3	50.4	54.8	56.3	55.7	58.1	61.2
Wholesale trade	38.4	39.8	41.6	45.4	45.9	47.0	48.6	51.6	51.6
Retail trade	127.1	133.0	143.5	149.0	151.2	154.4	159.9	162.3	168.4
Finance, insurance and real estate	37.3	40.3	43.5	46.8	50.6	54.1	56.0	57.1	57.9
Services	142.8	148.9	161.6	171.5	178.3	189.1	202.3	216.3	225.9
Government c/	152.3	150.9	152.1	154.3	156.3	158.3	160.8	164.6	167.5
Federal	30.6	30.5	30.4	30.9	30.6	30.4	30.3	30.8	30.5
State and local	121.7	120.4	121.7	123.4	125.7	127.9	130.5	133.8	137.0
County	16.1	15.9	15.8	16.1	16.5	17.0	17.6	18.1	19.0
City d/	12.8	12.7	12.7	13.2	13.6	14.0	14.5	15.5	16.0
Other State and local d/	92.8	91.8	93.1	94.1	95.7	96.9	98.4	100.2	102.1
OXNARD-VENTURA									
Total	161.2	167.0	177.8	186.4	193.7	205.5	216.9	228.0	236.3
Mining	3.1	3.3	3.4	3.3	2.9	2.6	2.6	2.4	2.2
Construction b/	5.5	6.2	8.1	9.4	10.7	12.6	14.3	16.9	17.8
Manufacturing g/	26.4	27.2	29.1	29.6	29.2	29.7	31.5	32.3	32.7
Nondurable goods	7.9	7.4	7.5	7.3	7.2	7.5	6.9	7.5	7.9
Durable goods g/	18.5	19.9	20.4	22.3	22.1	22.2	24.6	24.8	24.9
Food and kindred products	2.4	2.2	2.3	2.3	2.0	2.1	1.5	1.7	1.7
Apparel and other textile products	0.9	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.4
Printing and publishing	1.4	1.4	1.6	1.6	1.8	2.0	2.0	2.2	2.3
Other nondurable goods	3.2	2.9	2.7	2.5	2.5	2.5	2.4	2.6	2.6
Primary, fabricated metal products	--	--	--	--	--	--	2.2	2.4	2.4
Stone, clay, and glass products	0.3	0.3	0.3	0.4	0.4	0.7	--	--	--
Industrial machinery g/	3.5	3.9	4.0	3.7	3.7	3.3	4.2	4.2	4.1
Electronic equipment g/	4.6	4.6	5.7	6.5	6.9	7.2	7.2	6.8	7.1
Transportation equipment g/	4.2	4.3	4.8	5.6	5.3	5.6	4.8	4.5	4.4
Instruments & related products f/	--	--	--	--	--	--	4.4	4.5	4.0
Other durable goods f/	5.9	6.7	5.7	6.2	5.7	5.4	1.9	2.4	2.9
Transportation and public utilities	6.6	6.8	7.1	7.9	9.2	10.9	11.1	11.7	12.2
Wholesale trade g/	6.7	7.4	7.7	8.0	7.8	8.3	10.3	10.8	11.4
Retail trade	32.1	33.9	36.7	39.5	40.5	42.8	44.0	45.7	46.8
Finance, insurance and real estate	9.8	10.6	10.9	10.3	10.1	10.5	11.0	12.2	12.5
Services	32.9	33.8	36.8	39.3	43.6	48.0	51.0	53.8	56.7
Government c/	38.1	37.7	38.0	39.1	39.7	40.1	41.1	42.1	44.0
Federal	10.0	10.1	10.4	10.8	10.9	11.0	11.4	11.6	12.0
State and local	28.1	27.6	27.7	28.4	28.8	29.1	29.7	30.5	32.1
County	6.2	6.0	6.1	6.1	6.1	6.1	6.1	6.5	7.0
City	2.8	2.9	3.1	3.2	3.4	3.5	3.5	3.7	3.6
Other State and local d/	19.1	18.7	18.5	19.0	19.4	19.6	20.1	20.4	21.5

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
RIVERSIDE-SAN BERNARDINO									
Total	431.8	444.8	482.0	524.8	561.6	600.9	636.4	688.1	739.9
Mining	1.7	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
Construction b/	19.6	23.1	32.6	38.4	43.9	49.7	55.7	65.3	67.5
Manufacturing	59.4	59.3	63.9	69.8	74.5	80.1	84.8	88.2	89.8
Nondurable goods	17.1	17.4	18.7	20.0	21.5	23.3	25.7	27.2	28.7
Durable goods	42.3	42.0	45.2	49.8	53.0	56.8	59.2	61.0	61.0
Food and kindred products g/	4.7	4.5	4.6	4.4	4.9	5.4	5.2	5.6	6.4
Apparel and other textile products	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.5
Printing and publishing g/	4.2	4.5	5.1	5.6	6.0	6.2	7.1	7.3	7.5
Chemicals and allied products f/	--	--	--	--	--	--	2.6	2.7	2.7
Rubber & misc. plastics products f	--	--	--	--	--	--	6.1	6.5	6.6
Other nondurable goods f/	6.3	6.4	7.1	8.0	8.6	9.7	2.7	2.9	3.0
Lumber and furniture h/	4.7	5.7	7.2	8.4	9.3	9.7	--	--	--
Lumber and wood products	--	--	--	--	--	--	6.6	7.7	7.8
Furniture and fixtures f/	--	--	--	--	--	--	3.2	3.3	3.4
Stone, clay and glass products	5.0	5.0	5.8	6.1	6.4	7.0	7.0	7.2	6.7
Primary and fabricated metals h/	12.3	10.8	9.3	10.9	10.9	10.9	--	--	--
Primary metal industries f/	--	--	--	--	--	--	4.4	4.3	4.2
Fabricated metal products f/	--	--	--	--	--	--	7.9	8.2	8.3
Industrial machinery g/	3.8	3.4	4.1	4.5	4.7	4.4	4.7	5.0	5.1
Electronic equipment g/	2.9	2.7	3.1	3.7	4.2	4.7	4.8	4.7	4.8
Transportation equipment g/	9.7	10.8	11.8	12.6	13.9	16.5	16.1	15.9	15.3
Instruments & related products f/	--	--	--	--	--	--	3.3	3.5	3.9
Other durable goods h/	3.9	3.6	3.8	3.6	3.6	3.7	--	--	--
Miscellaneous manufacturing f/	--	--	--	--	--	--	1.2	1.3	1.5
Transportation and public utilities	25.4	25.6	27.6	29.4	30.0	30.5	31.4	33.3	35.4
Wholesale trade	15.5	16.5	18.2	19.8	20.6	21.5	23.4	26.9	32.4
Retail trade	93.0	97.5	105.5	113.0	120.6	129.9	134.7	143.6	151.8
Finance, insurance and real estate	19.0	19.8	20.9	21.9	24.0	26.1	27.3	29.8	32.6
Services	96.5	99.7	107.1	121.5	130.7	141.5	149.0	162.0	179.5
Government c/	101.8	102.0	105.0	109.8	116.0	120.3	128.6	137.8	149.5
Federal	17.8	18.0	18.4	19.2	19.7	19.6	20.2	20.7	21.2
State and local	84.1	84.0	86.6	90.6	96.3	100.7	108.4	117.1	128.3
County	16.4	16.3	16.9	17.9	18.9	19.4	20.1	21.7	23.6
City	8.7	8.8	8.9	9.3	9.7	10.3	11.1	12.0	12.8
Other State and local d/	58.9	58.9	60.8	63.4	67.8	71.0	77.2	83.4	92.0
SACRAMENTO									
Total	424.9	436.4	465.8	494.5	520.0	546.6	573.3	602.1	629.4
Mining	0.9	0.8	0.8	0.9	0.8	0.8	0.7	0.6	0.6
Construction b/	16.2	18.0	23.1	27.3	30.8	32.5	34.5	36.7	40.7
Manufacturing	27.9	29.3	33.1	35.1	38.2	40.5	42.3	43.9	45.6
Nondurable goods	12.9	13.1	14.5	14.4	14.9	16.0	16.9	17.5	18.6
Durable goods	15.0	16.2	18.5	20.7	23.2	24.4	25.4	26.4	27.0
Food and kindred products	6.3	6.0	6.8	6.3	6.5	7.0	7.1	7.3	7.6
Printing and publishing h/	3.8	4.1	4.4	4.8	5.1	5.5	--	--	--
Paper, printing, & publishing f/	--	--	--	--	--	--	6.9	7.0	7.6
Chemicals and allied products h/	0.7	0.7	0.8	0.7	0.7	0.8	--	--	--
Other nondurable goods f/	2.2	2.4	2.6	2.6	2.7	2.7	2.9	3.2	3.4
Lumber and wood products	2.6	3.2	3.7	3.8	4.1	4.8	5.0	5.7	6.1
Stone, clay and glass products	1.5	1.7	1.8	2.0	2.2	2.1	1.8	2.0	2.3
Primary and fabricated metals	2.1	2.0	2.3	2.3	2.3	2.5	2.4	2.8	3.0
Industrial machinery g/	2.6	2.6	3.3	3.4	3.4	3.5	4.2	4.5	4.8
Electronic equipment f/	--	--	--	--	--	--	4.4	4.2	4.4
Transportation equipment f/	--	--	--	--	--	--	5.1	4.9	4.4
Other durable goods f/	6.1	6.7	7.5	9.2	11.2	11.6	2.5	2.3	2.1
Transportation and public utilities	23.5	22.5	23.4	23.8	23.8	24.6	25.4	27.2	28.5
Wholesale trade	19.0	20.5	22.7	24.2	24.7	25.8	27.3	28.1	29.0
Retail trade	81.1	84.9	91.1	97.6	102.3	106.7	110.2	114.0	116.7
Finance, insurance and real estate	23.9	24.8	26.8	28.6	30.8	33.5	36.0	38.4	41.1
Services	83.6	86.8	94.3	101.5	108.3	116.4	125.1	134.4	142.3

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
Government b/	148.9	148.8	150.7	155.7	160.4	165.8	171.9	178.7	185.0
Federal	27.5	27.8	28.4	29.6	30.3	29.8	30.3	29.9	30.0
State and local	121.4	121.1	122.3	126.1	130.1	136.0	141.6	148.8	155.0
County	10.8	10.8	11.2	11.7	12.1	12.4	12.9	13.9	14.8
City	5.0	5.0	5.1	5.4	5.6	6.1	6.5	6.9	7.5
Other State and local d/	105.5	105.2	105.9	109.1	112.4	117.5	122.2	128.0	132.7
SALINAS-SEASIDE-MONTEREY									
Total	90.6	90.5	95.5	100.1	101.9	106.0	107.1	110.7	113.1
Mining	0.4	0.3	0.3	0.5	0.4	0.4	0.3	0.3	0.3
Construction b/	3.1	3.1	3.5	3.8	4.1	4.4	4.4	4.5	4.6
Manufacturing	9.1	8.4	8.6	9.0	9.4	9.6	9.6	10.3	10.4
Nondurable goods	6.6	6.0	5.8	6.2	6.5	6.6	6.3	6.7	6.7
Durable goods	2.5	2.4	2.8	2.8	2.9	3.0	3.4	3.6	3.7
Food and kindred products	4.6	4.0	3.7	3.8	4.1	4.0	3.6	3.9	3.8
Printing and publishing	1.2	1.2	1.3	1.5	1.6	1.7	1.7	1.8	1.9
Chemicals and allied products	0.2	0.2	0.2	0.2	0.1	0.2	--	--	--
Other nondurable goods	0.6	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.0
Machinery (except electrical)	0.6	0.5	0.7	0.6	0.6	0.7	0.8	0.9	1.0
Electrical equip and supplies	0.9	0.8	1.1	1.1	1.2	1.2	1.2	1.3	1.3
Other durable goods	1.0	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.4
Transportation and public utilities	4.6	4.4	4.7	4.9	4.7	5.0	4.6	4.7	4.7
Wholesale trade	4.0	4.0	3.7	3.6	4.2	4.2	4.3	4.6	5.3
Retail trade	20.2	20.8	22.8	23.9	23.3	23.7	24.2	24.8	24.9
Finance, insurance, and real estate	4.1	4.6	4.8	4.7	5.0	5.5	5.7	5.9	6.3
Services	20.9	20.7	22.5	24.0	24.7	26.2	27.0	28.0	28.7
Government c/	24.3	24.2	24.7	25.8	26.1	26.9	27.1	27.5	28.0
Federal	7.6	7.9	8.0	8.6	8.5	8.8	8.6	8.7	9.0
State and local	16.6	16.3	16.7	17.2	17.5	18.1	18.5	18.8	19.0
County	2.9	2.8	2.7	2.9	3.0	2.9	3.1	3.3	3.4
City	1.7	1.6	1.7	1.8	1.9	1.9	2.0	2.0	2.0
Other State and local d/	12.1	11.9	12.3	12.5	12.7	13.2	13.5	13.5	13.7
SAN DIEGO									
Total	662.5	677.5	733.5	783.9	819.7	867.4	916.6	964.6	995.1
Mining	0.6	0.5	0.6	0.8	0.8	0.8	0.8	0.8	0.7
Construction b/	29.0	31.6	41.4	47.5	50.9	54.6	57.4	63.8	62.3
Manufacturing	108.4	106.9	116.0	121.6	121.8	124.3	130.1	135.4	136.5
Nondurable goods g/	20.0	20.1	20.7	21.0	21.7	23.4	25.7	27.0	28.8
Durable goods	88.4	86.9	95.3	100.6	100.1	100.9	104.5	108.4	107.7
Food and kindred products	5.2	4.9	3.9	3.4	3.3	3.1	3.2	3.5	4.0
Apparel and other textile products	3.1	2.8	3.3	2.9	3.0	3.4	3.3	3.3	3.2
Paper and allied products h/	0.4	0.4	0.5	0.6	0.6	0.6	--	--	--
Printing and publishing h/	7.6	8.3	9.1	9.9	10.3	10.7	--	--	--
Paper, printing & publishing f/	--	--	--	--	--	--	12.1	12.7	13.4
Chemicals and allied products g/	1.5	1.5	1.7	1.7	1.6	1.9	2.7	2.8	3.3
Rubber and miscellaneous plastics products g/	1.3	1.3	1.6	1.8	1.9	2.4	3.3	3.6	3.9
Other nondurable goods	0.9	0.7	0.7	0.8	0.9	1.2	1.1	1.1	1.1
Lumber and wood products h/	0.7	0.8	0.9	0.9	1.1	1.5	--	--	--
Furniture and fixtures h/	1.0	1.2	1.5	1.4	1.8	2.6	--	--	--
Lumber, wood, furniture f/	--	--	--	--	--	--	4.4	4.4	4.6
Stone, clay and glass products	1.2	1.3	1.8	2.0	2.1	2.3	2.5	2.6	2.5
Primary metal industries h/	0.6	0.6	0.6	0.6	0.5	0.6	--	--	--
Fabricated metal products h/	5.0	5.1	5.7	5.9	6.0	6.2	--	--	--
Primary, fabricated metal products	--	--	--	--	--	--	7.0	7.3	7.1
Industrial machinery g/	15.5	14.7	15.5	15.1	14.1	14.3	15.2	16.0	15.1
Electronic equipment g/	23.4	22.6	26.0	28.1	27.5	26.5	21.1	20.7	20.4
Transportation equipment	28.6	26.6	28.6	31.9	32.3	31.9	32.6	35.1	35.9
Instruments & related products g/	9.3	11.1	11.7	11.9	11.9	12.4	18.8	19.2	18.7
Miscellaneous manufacturing	3.2	2.9	3.0	2.8	2.8	2.7	2.9	3.2	3.6
Transportation and public utilities	29.7	29.8	30.5	31.6	32.3	33.7	35.1	35.8	37.1

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
Wholesale trade	27.5	28.3	31.0	33.6	35.2	37.9	41.0	42.8	44.3
Retail trade	126.7	131.6	142.4	153.3	161.1	169.1	181.9	190.8	193.8
Finance, insurance, and real estate	42.6	45.8	48.5	52.0	56.6	61.4	65.0	66.5	67.9
Services	158.6	163.5	181.3	197.9	211.1	229.0	242.5	259.5	275.7
Government c/	139.6	139.5	141.8	145.7	149.9	156.6	162.8	169.3	176.8
Federal	42.4	42.6	43.3	43.8	44.0	45.0	45.3	47.4	48.7
State and local	97.2	96.9	98.5	101.9	105.9	111.6	117.6	121.9	128.1
County	11.8	11.5	11.6	12.0	12.7	13.3	14.2	15.2	16.9
City	11.2	11.5	11.6	12.1	12.8	13.7	14.6	15.3	15.8
Other State and local d/	74.2	73.9	75.3	77.8	80.4	84.5	88.9	91.4	95.4
SAN FRANCISCO									
Total	872.2	872.4	902.5	917.4	919.6	928.4	936.6	958.7	975.5
Mining g/	2.8	2.8	2.5	1.9	1.1	1.0	0.7	0.6	0.6
Construction b/g/	28.2	28.1	29.8	32.2	33.3	34.6	33.5	34.7	37.1
Manufacturing	88.1	85.7	85.4	80.5	78.3	79.2	80.3	81.0	79.6
Nondurable goods	51.9	51.2	51.0	48.1	47.6	48.8	49.7	49.9	49.8
Durable goods	36.2	34.5	34.5	32.4	30.7	30.4	30.6	31.1	29.8
Food and kindred products g/	12.6	11.5	10.7	10.1	10.1	9.9	8.9	8.7	8.3
Textile mill products h/	0.3	0.3	0.2	0.2	0.1	0.2	--	--	--
Apparel & other textile products	12.4	12.8	12.9	12.3	12.2	13.1	13.6	14.1	14.6
Paper and allied products h/	2.1	2.1	2.0	1.8	1.6	1.5	--	--	--
Printing and publishing h/	13.5	13.8	14.4	14.1	14.4	14.8	--	--	--
Paper, printing & publishing f/	--	--	--	--	--	--	17.8	17.7	17.4
Chemicals and allied products g/	4.6	4.5	4.6	4.6	4.6	4.8	4.9	4.9	4.8
Petroleum and coal products g/	3.9	3.8	3.6	2.8	2.3	2.2	2.4	2.4	2.4
Rubber and miscellaneous plastics products h/	2.3	2.5	2.6	2.1	2.0	2.1	--	--	--
Leather and leather products h/	0.2	0.1	0.1	0.1	0.1	0.1	--	--	--
Other nondurables f/	--	--	--	--	--	--	2.1	2.2	2.2
Lumber and wood products h/	0.7	0.7	0.6	0.6	0.7	0.9	--	--	--
Furniture and fixtures h/	1.4	1.5	1.5	1.4	1.3	1.5	--	--	--
Stone, clay & glass products h/	1.2	1.3	1.2	1.1	1.2	1.2	--	--	--
Primary metal industries	4.3	4.4	4.3	4.2	4.1	4.1	4.2	4.2	4.0
Fabricated metal products	5.4	4.8	4.7	4.0	3.7	3.7	3.6	3.4	3.2
Industrial machinery g/	4.4	4.7	4.7	4.2	3.9	4.1	3.8	4.0	4.0
Electronic equipment g/	12.2	11.0	10.9	10.5	9.8	9.4	6.5	7.1	6.9
Transportation equipment	3.3	3.0	3.0	2.8	2.6	2.3	2.3	2.0	1.7
Instruments & related products g/	1.5	1.5	1.4	1.6	1.8	1.8	5.1	5.2	4.8
Miscellaneous manufacturing h/	1.9	1.8	2.1	2.0	1.6	1.4	--	--	--
Other durables f/	--	--	--	--	--	--	5.2	5.2	5.2
Transportation and public utilities	83.5	82.1	85.1	83.5	79.7	77.2	75.6	75.9	78.6
Wholesale trade	60.8	59.8	62.9	64.5	62.5	60.3	60.6	60.5	58.6
Retail trade	129.3	132.5	139.9	146.9	149.5	150.5	152.1	156.7	155.3
Finance, insurance and real estate	112.1	111.7	111.8	112.3	113.6	112.5	109.6	109.4	108.6
Services	235.6	238.2	251.9	261.5	268.3	279.1	289.7	303.7	318.7
Government c/	132.0	131.6	133.1	134.1	133.4	133.9	134.6	136.2	138.6
Federal	36.5	36.4	37.1	37.6	37.0	36.9	37.0	36.7	36.0
State and local	95.5	95.3	96.0	96.5	96.4	97.0	97.6	99.5	102.6
County	6.5	6.5	6.4	6.5	6.7	6.6	6.7	6.9	7.4
City	28.1	29.1	29.4	30.0	30.0	30.6	30.2	31.0	31.9
Other State and local d/	61.0	59.7	60.2	60.0	59.7	59.8	60.7	61.6	63.2
SAN JOSE									
Total	696.5	719.1	775.3	782.0	768.2	789.1	818.0	831.6	834.5
Mining	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2
Construction b/	21.7	24.2	30.1	33.0	31.5	32.2	32.8	33.7	34.2
Manufacturing	263.5	266.1	288.9	280.2	263.7	262.0	266.8	269.6	264.6
Nondurable goods g/	28.7	27.2	27.2	25.9	25.6	26.0	28.0	28.1	28.2
Durable goods g/	234.7	238.9	261.7	254.3	238.2	235.9	238.8	241.6	236.3
Food and kindred products g/	10.9	8.8	8.2	7.7	7.4	7.0	7.4	7.0	7.3
Paper and allied products h/	2.0	1.9	2.1	2.0	1.6	1.7	--	--	--

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
Printing and publishing	6.7	7.0	7.6	7.9	7.9	8.3	8.6	8.6	8.8
Chemicals and allied products	5.8	5.9	5.6	5.3	5.8	6.1	6.4	6.6	6.8
Rubber and miscellaneous plastics products g/	2.8	2.9	3.0	2.4	2.4	2.4	3.2	3.2	2.9
Other nondurable goods f/	0.7	0.7	0.7	0.5	0.5	0.6	2.5	2.7	2.5
Lumber and wood products h/	0.9	1.0	1.0	1.0	0.9	1.3	--	--	--
Furniture and fixtures h/	0.7	0.9	1.1	1.0	0.9	1.0	--	--	--
Lumber, wood, furniture f/	--	--	--	--	--	--	2.3	2.3	2.2
Stone, clay & glass products g/	3.0	2.8	2.7	2.7	2.6	2.5	2.4	2.2	2.2
Primary metal industries h/	0.7	0.8	0.8	0.6	0.6	0.8	--	--	--
Fabricated metal products h/	8.2	7.6	7.7	6.3	5.1	5.5	--	--	--
Primary, fabricated metal products	--	--	--	--	--	--	7.0	6.6	6.6
Industrial machinery g/	59.2	61.7	68.7	64.3	59.8	60.2	61.6	65.3	65.0
Electronic equipment g/	97.8	102.2	116.3	112.7	102.4	99.5	88.0	87.1	85.5
Transportation equipment	29.1	28.4	30.0	32.7	33.0	32.6	32.1	31.3	30.1
Instruments & related products g/	27.7	28.0	30.5	31.8	31.6	31.7	44.5	46.0	44.0
Miscellaneous manufacturing	7.3	5.8	2.9	1.3	1.1	1.0	0.9	0.8	0.8
Transportation and public utilities	22.2	21.3	21.8	22.2	21.3	21.5	21.8	21.8	22.8
Wholesale trade g/	30.4	34.7	38.6	39.9	39.9	44.4	51.3	53.9	54.3
Retail trade g/	95.5	98.8	105.4	109.5	108.6	110.0	115.7	117.1	115.7
Finance, insurance and real estate	28.4	29.6	30.9	32.0	33.3	33.9	32.0	32.4	32.7
Services	155.9	167.1	180.6	184.4	185.0	198.1	211.1	215.9	220.5
Government c/	78.8	77.3	78.7	80.7	84.7	86.9	86.4	86.9	89.6
Federal	10.5	10.9	11.6	12.3	12.7	13.2	13.4	13.3	13.7
State and local	68.3	66.4	67.2	68.4	72.0	73.7	73.0	73.7	75.9
County	11.6	11.2	11.7	12.4	13.5	13.9	13.5	13.8	14.8
City	9.3	9.4	9.6	10.3	11.1	11.4	11.5	11.7	12.1
Other State and local d/	47.4	45.8	45.9	45.7	47.4	48.4	48.1	48.1	49.1
SANTA BARBARA-SANTA MARIA-LOMPOC									
Total	123.5	125.7	134.2	139.2	143.7	143.9	146.6	149.2	151.8
Mining	1.6	1.6	1.5	1.5	1.3	1.3	1.4	1.3	1.2
Construction b/	4.5	4.6	6.1	6.6	6.5	6.4	6.4	6.9	7.4
Manufacturing	20.7	21.6	23.7	23.7	23.8	22.0	22.3	22.3	22.0
Nondurable goods	3.5	3.2	3.2	3.4	3.6	3.6	4.0	3.9	3.9
Durable goods	17.2	18.4	20.5	20.3	20.3	18.4	18.4	18.4	18.1
Food and kindred products g/	1.4	1.2	1.1	1.1	1.0	0.9	1.4	1.3	1.3
Paper, printing & publishing h/	1.3	1.3	1.4	1.7	1.7	1.7	--	--	--
Other nondurable goods f/	0.8	0.7	0.7	0.7	0.9	1.0	2.6	2.6	2.6
Lumber and furniture h/	0.4	0.3	0.3	0.3	0.3	0.4	--	--	--
Primary and fabricated metals h/	0.7	0.7	0.8	0.7	0.7	0.7	--	--	--
Industrial machinery g/	2.3	2.4	2.9	3.4	3.6	3.6	2.9	3.0	2.7
Electronic equipment g/	6.4	7.1	7.4	6.4	6.2	6.0	4.4	4.6	4.9
Transportation equipment g/	4.2	4.6	5.9	6.0	5.9	4.0	3.5	3.3	3.2
Instruments & related products f/	--	--	--	--	--	--	4.9	4.7	4.6
Other durable goods f/	3.2	3.2	3.3	3.5	3.6	3.6	2.7	2.9	2.8
Transportation and public utilities	5.3	5.2	5.4	5.5	5.4	5.1	5.2	5.4	5.5
Wholesale trade	4.1	4.2	4.5	4.9	5.1	5.2	5.7	5.8	5.7
Retail trade	25.8	25.8	26.8	28.1	28.9	28.8	28.5	28.5	28.8
Finance, insurance and real estate	5.9	6.3	7.0	7.5	8.1	8.6	8.5	8.6	8.6
Services	31.2	32.0	34.3	35.9	38.1	39.4	40.9	42.0	43.3
Government c/	24.4	24.4	24.8	25.6	26.5	27.1	27.5	28.4	29.3
Federal	4.1	4.2	4.2	4.3	4.3	4.2	4.3	4.3	4.3
State and local	20.3	20.2	20.6	21.3	22.2	22.9	23.2	24.1	24.9
County	3.2	3.3	3.3	3.5	3.7	3.6	3.6	3.7	3.9
City	1.9	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4
Other State and local d/	15.2	15.0	15.3	15.8	16.4	17.1	17.3	18.0	18.6

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
SANTA ROSA									
Total	95.2	98.1	108.5	114.4	118.3	124.1	130.1	135.6	144.7
Mining	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.6	0.5
Construction b/	4.6	4.9	6.5	7.2	7.9	8.3	9.3	10.3	10.8
Manufacturing	15.3	15.7	17.8	18.1	18.1	19.0	20.2	21.1	21.7
Nondurable goods	4.9	5.1	5.5	5.9	6.0	6.5	6.9	7.4	7.7
Durable goods	10.4	10.7	12.2	12.2	12.1	12.5	13.3	13.7	14.0
Food and kindred products	3.4	3.4	3.5	3.9	3.9	4.2	4.5	4.8	4.9
Other nondurable goods	1.5	1.6	2.0	2.0	2.1	2.3	2.4	2.5	2.8
Lumber and wood products	1.5	1.6	1.8	1.9	2.0	2.3	2.3	2.2	2.1
Primary & fabricated metals h/	0.4	0.4	0.5	0.5	0.5	0.4	--	--	--
Machinery and instruments h/	7.2	7.3	8.4	8.3	8.2	8.3	--	--	--
Industial machinery f/	--	--	--	--	--	--	1.8	1.8	1.9
Electronic equipment f/	--	--	--	--	--	--	1.3	1.3	1.3
Instruments & related products f/	--	--	--	--	--	--	5.9	6.1	6.3
Other durable goods f/	1.3	1.4	1.5	1.6	1.5	1.5	2.0	2.4	2.4
Transportation and public utilities	4.7	4.9	5.3	5.7	5.6	5.9	6.0	6.2	6.7
Wholesale trade	3.8	4.1	4.6	5.2	5.3	5.3	5.7	5.8	6.6
Retail trade	20.0	20.5	23.1	24.3	25.5	26.8	27.8	29.1	30.8
Finance, insurance and real estate	6.1	6.5	7.1	7.6	8.0	8.3	8.3	8.1	8.7
Services	20.4	21.0	23.3	25.0	26.1	27.9	29.5	31.2	34.9
Government c/	19.9	19.8	20.1	20.8	21.3	22.1	22.7	23.2	24.0
Federal	1.3	1.2	1.3	1.4	1.7	1.8	1.9	1.8	1.9
State and local	18.6	18.6	18.8	19.4	19.6	20.2	20.8	21.3	22.1
County	3.7	3.7	3.8	4.0	4.2	4.3	4.4	4.7	4.8
City	1.4	1.4	1.5	1.5	1.6	1.7	1.8	1.9	2.0
Other State and local d/	13.5	13.5	13.6	13.9	13.9	14.3	14.7	14.8	15.3
STOCKTON									
Total	119.1	118.2	125.9	131.5	136.3	144.1	147.9	152.8	156.0
Mining	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Construction b/	5.1	5.6	6.7	7.3	8.0	8.4	8.5	8.9	9.6
Manufacturing	20.7	19.3	21.1	21.5	21.9	24.0	24.5	24.8	24.7
Nondurable goods	11.9	11.1	11.5	11.7	12.1	13.4	13.1	13.2	12.9
Durable goods	8.7	8.3	9.6	9.7	9.9	10.6	11.3	11.6	11.8
Food and kindred products	8.7	7.7	8.0	8.0	8.1	8.9	8.7	8.8	8.4
Paper, printing and publishing	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
Other nondurable goods	1.8	1.9	2.0	2.0	2.2	2.5	2.4	2.3	2.3
Lumber and wood products h/	1.9	2.1	2.2	2.1	2.1	2.2	--	--	--
Lumber, wood, furniture f/	--	--	--	--	--	--	3.1	3.0	3.1
Fabricated metal products h/	1.3	1.1	1.4	1.4	1.5	1.7	--	--	--
Primary, fabricated metal products	--	--	--	--	--	--	2.3	2.4	2.4
Machinery (except electrical) h/	0.9	0.9	1.0	1.0	1.0	1.0	--	--	--
Electric and electronic equipment	1.4	1.4	1.8	1.7	1.3	1.8	--	--	--
Industrial machinery and electronic equipment f/	--	--	--	--	--	--	3.2	3.1	3.3
Transportation equipment h/	0.8	0.8	0.8	0.8	0.7	0.6	--	--	--
Other durable goods f/	2.5	2.1	2.4	2.7	3.1	3.3	2.8	3.0	3.0
Transporation and public utilities	7.9	7.8	8.3	8.7	8.5	8.8	8.7	8.9	8.9
Wholesale trade	7.0	6.8	6.9	7.0	6.8	7.2	7.5	7.6	8.0
Retail trade	20.6	20.8	22.3	23.6	24.8	26.2	27.1	28.2	28.2
Finance, insurance and real estate	6.0	6.2	7.4	7.8	8.2	8.8	9.1	9.4	9.6
Services	24.6	24.5	25.8	27.1	28.5	30.1	30.9	32.4	33.2
Government c/	27.1	27.0	27.3	28.5	29.6	30.7	31.6	32.5	33.9
Federal	5.3	5.4	5.3	5.4	5.6	5.8	5.8	5.8	5.8
State and local	21.8	21.6	22.0	23.2	24.0	24.9	25.8	26.7	28.1
County	4.4	4.4	4.9	5.2	5.4	5.6	6.0	6.2	6.5
City	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.8	3.0
Other State and local d/	15.1	14.8	14.8	15.5	16.0	16.6	17.1	17.7	18.7

TABLE C-7 (Continued)

WAGE AND SALARY WORKERS IN NONAGRICULTURAL ESTABLISHMENTS, BY INDUSTRY AND AREA, 1982 TO 1990 a/ e/ i/
(In thousands)

Metropolitan area and industry	1982	1983	1984	1985	1986	1987	1988	1989	1990
VALLEJO-FAIRFIELD-NAPA									
Total	101.8	103.1	108.9	114.4	119.9	124.7	128.9	133.7	141.1
Mining	0.5	0.4	0.4	0.4	0.3	0.4	0.6	0.6	0.6
Construction b/g/	4.4	4.9	6.0	7.0	7.9	8.8	8.8	9.9	11.6
Manufacturing	10.9	10.2	10.4	11.1	11.8	11.6	12.2	12.8	12.9
Nondurable goods	6.9	6.9	7.2	7.9	8.4	8.2	8.9	9.3	9.2
Durable goods	4.0	3.3	3.2	3.2	3.4	3.4	3.3	3.4	3.7
Food and kindred products	4.1	4.2	4.4	4.9	5.3	5.3	5.9	6.1	5.9
Other nondurable goods	2.8	2.8	2.9	3.1	3.1	2.9	3.1	3.2	3.3
Primary, fabricated metal products	--	--	--	--	--	--	0.9	1.0	1.1
Other durables f/	--	--	--	--	--	--	2.4	2.4	2.6
Transportation and public utilities	4.4	4.2	4.3	4.4	4.5	4.6	4.6	4.8	5.1
Wholesale trade	2.5	2.6	2.9	2.9	3.0	3.3	3.4	3.2	3.9
Retail trade	19.7	20.6	23.0	24.2	25.6	26.3	27.8	29.2	31.3
Finance, insurance and real estate	3.6	3.7	4.0	4.5	4.6	4.7	4.8	5.0	5.2
Services	20.8	21.3	23.0	24.2	26.0	28.0	28.9	29.9	32.5
Government c/	35.1	35.3	34.9	35.7	36.2	37.1	37.8	38.4	38.1
Federal	15.8	16.0	15.3	15.2	15.0	15.1	15.5	15.1	13.8
State and local	19.3	19.3	19.6	20.4	21.2	22.0	22.3	23.4	24.4
County	2.7	2.7	2.7	2.8	2.9	3.1	3.1	3.3	3.5
City	1.9	1.9	1.9	2.0	2.1	2.3	2.4	2.6	2.7
Other State and local d/	14.7	14.7	15.0	15.6	16.2	16.7	16.8	17.6	18.2

a/ Does not include employers, own-account workers, unpaid family workers, domestic servants and agricultural workers.
b/ Includes employees of construction contractors and operative builders; does not include force-account and government construction workers.
c/ Includes all civilian employees of Federal, State and local governments regardless of the activity in which the employee is engaged.
d/ Includes all employees of State and local public schools.
e/ Beginning with 1988, data are based on the 1987 SIC codes; prior years are on the 1972 SIC codes.
f/ Data not published on the 1972 SIC code. This is a new composition of the industries included or the industry is new.
g/ Beginning with 1988, data are not comparable with prior years due to SIC code changes.
h/ Not published on the 1987 SIC code.
i/ Detail may not add to totals due to independent rounding.

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TABLE C-8

WAGE AND SALARY EMPLOYEES IN AGRICULTURAL ESTABLISHMENTS, BY AREA, 1982 TO 1990 a/

County	1982	1983	1984	1985	1986	1987	1988	1989	1990
California b/	358,900	347,300	347,300	335,400	327,600	345,000	369,300	371,400	360,100
Alameda and Contra Costa	4,500	4,100	3,900	3,500	3,100	3,000	3,200	2,900	2,600
Amador	125	125	100	100	125	150	125	125	125
Butte	3,225	3,000	3,175	3,000	2,875	3,200	3,250	3,150	3,125
Calaveras	125	125	150	150	100	75	100	100	75
Colusa	2,425	2,200	2,375	2,075	1,950	2,075	2,325	2,350	2,350
Del Norte	525	500	500	450	450	425	500	450	475
Fresno	57,500	56,200	55,000	53,900	51,800	54,100	55,800	54,500	56,700
Glenn	2,525	2,150	1,925	1,800	1,600	1,700	1,825	1,900	1,750
Humboldt	725	700	750	800	900	1,000	900	900	900
Imperial	14,300	14,250	12,700	10,750	11,600	11,875	12,025	16,425	14,675
Inyo and Mono	125	200	150	125	125	75	100	100	75
Kern	31,800	30,500	29,200	27,500	27,000	28,400	32,800	29,000	30,500
Kings	6,550	6,150	6,550	5,950	5,925	4,525	6,350	5,825	4,650
Lake	825	750	775	825	825	850	775	850	925
Lassen	175	250	275	300	300	250	300	275	275
Los Angeles	11,700	11,600	12,300	10,800	11,000	11,000	12,400	13,400	12,800
Madera	8,225	7,725	7,325	7,250	6,175	6,800	7,250	8,025	7,050
Mariposa	25	50	50	50	50	25	25	25	25
Mendocino	1,675	1,450	1,400	1,475	1,475	1,475	1,750	1,800	1,700
Merced	10,925	10,100	10,375	10,100	9,550	9,925	11,100	11,375	11,850
Modoc	575	525	450	350	300	300	300	275	300
Monterey	23,400	24,200	24,700	24,200	23,700	26,300	29,600	29,500	30,200
Napa-Solano	5,100	5,000	5,000	4,900	4,600	4,500	5,100	5,600	5,700
Nevada	50	50	50	75	75	75	50	50	50
Orange	7,700	9,000	8,700	9,000	8,600	8,600	8,200	7,800	6,600
Plumas	50	50	50	50	50	50	50	50	75
Riverside and San Bernardino	20,800	22,600	22,200	22,600	23,000	22,200	22,600	20,950	21,700
Sacramento, Placer, Yolo, El Dorado	9,300	7,700	8,700	8,100	7,600	8,500	8,400	8,600	8,900
San Benito	2,950	2,600	2,500	2,600	2,625	2,950	2,850	2,925	3,000
San Diego	13,900	13,600	12,300	11,900	11,800	12,400	12,100	11,300	10,900
San Francisco, San Mateo, Marin	3,600	3,800	3,900	3,700	3,600	3,600	3,700	3,700	3,700
San Joaquin	17,300	15,400	17,300	15,500	14,300	15,600	17,000	15,500	15,600
San Luis Obispo	1,900	1,900	2,000	1,950	1,800	2,050	2,400	2,600	2,850
Santa Barbara	8,800	8,700	8,900	8,400	8,000	8,300	9,300	10,400	11,900
Santa Clara	5,600	4,900	4,600	4,700	4,500	4,700	5,200	4,800	4,800
Santa Cruz	5,700	6,200	6,500	7,000	6,800	7,800	8,700	9,400	9,400
Shasta	975	975	1,325	1,175	1,025	1,150	975	1,050	1,050
Sierra	0	0	25	25	0	0	0	0	0
Siskiyou	1,100	1,050	950	1,000	900	775	825	925	1,050
Sonoma	4,400	4,500	4,600	4,400	4,300	4,500	5,100	5,200	5,500
Stanislaus	13,900	12,900	12,500	13,400	12,200	13,700	14,500	15,300	14,400
Sutter and Yuba	5,475	4,750	5,400	5,250	4,950	5,700	6,225	6,350	6,400
Tehama	1,175	1,075	1,100	1,075	1,025	1,075	1,100	1,150	1,075
Trinity	25	25	25	25	25	25	0	25	50
Tulare	30,100	29,500	27,550	27,200	27,975	29,100	34,225	32,450	29,450
Tuolumne	75	100	75	100	75	100	75	75	75
Ventura	15,700	14,900	13,800	14,500	14,600	15,600	16,400	16,200	17,400

a/ Employment reported by place of work. Does not include farmers or unpaid family workers.
b/ Includes employees not identifiable by county.

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TABLE C-9

AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS, BY INDUSTRY, 1990 a/b/

Industry	Average weekly earnings	Average weekly hours	Average hourly earnings
Mining	$708.11	41.9	$16.90
Metal mining	483.71	36.7	13.18
Nonmetallic minerals	665.44	40.9	16.27
Other mining	733.98	42.5	17.27
Construction	692.40	36.1	19.18
General building	711.50	36.6	19.44
Heavy construction	793.35	38.7	20.50
Special trades	668.47	35.5	18.83
Total manufacturing	466.09	40.6	11.48
Nondurable goods	420.42	39.7	10.59
Leather, leather products	265.08	37.6	7.05
Food and kindred products	452.88	40.4	11.21
Meat products	362.71	40.8	8.89
Dairy products	561.00	40.1	13.99
Preserved fruits and vegetables	404.81	40.4	10.02
Grain mill products	615.17	45.2	13.61
Bakery products	520.17	38.4	13.56
Beverages	649.90	40.9	15.89
Canned, cured seafood	247.57	33.5	7.39
Textile mill products	310.48	41.9	7.41
Knitting mills	246.08	42.5	5.79
Carpets and rugs	302.95	41.5	7.30
Apparel and other textile	253.55	38.3	6.62
Men's, boy's suits and coat	249.33	38.3	6.51
Women's outerwear	254.02	37.8	6.72
Women's and children's undergarments	252.85	38.9	6.50
Girls', children's outwear	260.17	39.6	6.57
Paper and allied products	535.91	42.6	12.58
Paperboard containers	536.54	43.2	12.42
Misc. converted paper	481.40	41.5	11.60
Printing and publishing	506.63	37.5	13.51
Newspapers	525.81	33.3	15.79
Commercial printing	533.52	38.3	13.93
Chemicals and allied	508.40	41.0	12.40
Industrial inorganic	583.51	42.1	13.86
Plastics materials	599.41	41.8	14.34
Drugs	456.55	40.8	11.19
Soap, cleaners, toilet	475.07	40.5	11.73
Paints, allied products	496.00	40.0	12.40
Agriculture chemicals	574.86	42.3	13.59
Petroleum and coal products	771.32	44.0	17.53
Petroleum refining	761.52	44.3	17.19
Rubber and misc. plastics	361.01	40.7	8.87
Tires and inner tubes	583.80	42.0	13.90
Fabricated rubber products	320.85	41.2	7.79
Misc. plastics products	367.11	40.7	9.02
Durable goods	495.26	41.1	12.05
Lumber and wood products	399.67	40.7	9.82
Logging, sawmills	511.63	42.6	12.01
Millwork and plywood	356.31	39.9	8.93
Wooden containers	293.88	39.5	7.44
Furniture and fixtures	347.60	39.5	8.80
Household furniture	316.40	39.5	8.01
Partitions and fixtures	491.10	39.1	12.56
Stone, clay and glass products	533.65	41.4	12.89
Flat glass	567.59	42.2	13.45
Glass and glassware	563.78	41.7	13.52
Products of purchased glass	345.60	40.0	8.64
Cement, hydraulic	670.37	43.0	15.59
Structural clay products	394.25	41.5	9.50
Pottery and related	300.70	38.8	7.75
Concrete, gypsum, plaster products	614.88	41.8	14.71
Primary metal industries	469.66	41.6	11.29
Blast furnace and steel	562.38	42.0	13.39
Iron and steel foundries	418.49	42.4	9.87
Nonferrous rolling, drawing	501.26	42.3	11.85
Nonferrous foundries(casting)	405.62	40.2	10.09
Fabricated metal products	453.06	41.3	10.97
Cans and shipping containers	625.65	43.0	14.55
Cutlery, hand tools	463.43	42.4	10.93
Plumbing and heating	351.04	39.8	8.82
Stuctural metal products	439.88	39.7	11.08
Screw machine products	509.17	45.3	11.24
Metal forging and stamping	509.29	42.3	12.04
Metal services, n.e.c.	379.32	40.7	9.32
Industrial machinery	521.93	41.0	12.73
Farm and garden machinery	394.18	39.3	10.03
Construction and related	503.88	40.8	12.35
Metalworking machinery	470.15	40.6	11.58
Special industry machinery	551.98	42.2	13.08
General industry machinery	501.80	40.5	12.39
Computer and office equip.	486.01	40.4	12.03
Refrigeration and service	460.10	41.6	11.06
Electronic equipment	479.65	41.6	11.53
Electric distribution equip.	575.28	42.3	13.60
Electrical industrial	429.77	42.3	10.16
Household appliances	332.82	38.7	8.60
Lighting, wiring equipment	392.76	41.3	9.51
Household audio and video	428.59	43.6	9.83
Communications equipment	503.86	41.3	12.20
Electronic components	495.19	41.3	11.99
Misc. electrical equipment	537.14	42.8	12.55
Transportation equipment	610.28	41.8	14.60
Motor vehicles, equipment	538.05	42.2	12.75
Aircraft and parts	645.93	41.7	15.49
Ship and boat building, repair	467.60	40.0	11.69
Guided missiles, space vehicle	637.70	42.4	15.04
Instruments and related	524.55	40.6	12.92
Search and navigation	683.40	40.2	17.00
Measuring and controlling	489.64	40.6	12.06
Miscellaneous manufacturing	337.79	39.6	8.53
Toys and sporting goods	294.88	40.8	7.23
Communications and utilities	658.35	38.5	17.10
Communications	594.83	38.6	15.41
Electric, gas, sanitary service	755.33	38.4	19.67
Wholesale trade	471.42	38.8	12.15
Retail trade	259.26	29.8	8.70
Services			
Motion picture production	760.94	38.2	19.92

a/ Averages based on data for full- and part-time workers in production and related departments, such as shipping, maintenance and warehousing. Overtime hours and pay and premium wages for late-shift work are included.
b/ Based on 1987 SIC codes.

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Labor Market Information Division, Current Employment Statistics Group
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TABLE C-10

HOURS AND EARNINGS: PRODUCTION AND RELATED WORKERS IN MANUFACTURING, CALIFORNIA, 1988 TO 1990 a/

	1988	1989	1990
Total manufacturing			
Average weekly hours	40.7	40.7	40.6
Average weekly earnings	$439.56	$454.21	$466.09
Average hourly earnings	$10.80	$11.16	$11.48
Excluding canning:			
Overtime hours	3.8	3.9	3.8
Gross hourly earnings	$10.85	$11.21	$11.55
Excluding overtime	$10.37	$10.70	$11.03
Nondurable goods			
Average weekly hours	40.0	39.7	39.7
Average weekly earnings	$400.40	$410.10	$420.42
Average hourly earnings	$10.01	$10.33	$10.59
Excluding canning:			
Overtime hours	3.8	3.8	3.9
Gross hourly earnings	$10.07	$10.39	$10.68
Excluding overtime	$9.61	$9.93	$10.17
Durable goods			
Average weekly hours	41.1	41.4	41.1
Average weekly earnings	$462.38	$481.90	$495.26
Average hourly earnings	$11.25	$11.64	$12.05
Overtime hours	3.8	3.9	3.7
Gross hourly earnings	$11.25	$11.64	$12.05
Excluding overtime	$10.89	$11.10	$11.52

a/ Averages based on data for full and part-time workers in production and related departments such as shipping, maintanence and warehousing. Average weekly hours include overtime hours: hours in excess of regular hours and for which overtime premiums are paid.

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TABLE C-11

WORKERS' COMPENSATION PLANS AND BENEFITS, CALIFORNIA, 1986 TO 1988 a/ ($1,000)

	1986	1987	1988
Workers' Compensation Insurance Carriers b/			
Payroll insured	$153,915,488	$166,638,467	$177,687,370
Total incurred losses c/	3,505,978	3,894,205	3,834,219
Incurred medical costs	1,550,754	1,812,994	1,861,673
Incurred indemnity for:			
Death			
Cases	864	728	548
Amount	$41,909	$41,058	$38,015
Permanent disability d/			
Cases	95,910	106,480	111,164
Amount	$1,773,315	$1,889,177	$1,768,740
Temporary disability			
Cases	178,596	183,996	181,818
Amount	$140,000	$150,976	$165,791
Self insurers e/			
Payroll	$39,628,798	$43,207,371	$46,186,597
Total incurred losses	553,495	603,274	661,537
Incurred medical costs	262,469	318,732	308,929
Incurred indemnity	291,027	284,992	352,608

a/ Losses originating under policies effective in a given year are assigned to that year regardless of accident date.
b/ Excludes experience of self-insured employers.
c/ Losses incurred are ultimate loss costs: amount paid as of valuation date and estimated future payments.
d/ Includes both temporary and permanent disability indemnity costs in cases involving permanent disability.
e/ There were approximately 1,105 private self-insured employers in 1988.

Department of Industrial Relations
Division of Labor Statistics and Research
(415) 737-2785

TABLE C-12

DISABLING NONFATAL WORK INJURIES AND ILLNESSES UNDER WORKERS' COMPENSATION, BY INDUSTRY, CALIFORNIA, 1986 TO 1989 a/

Industry	1986	1987	1988	1989
Total	406,276	400,344	436,894	430,408
Agriculture, forestry and fishing	19,446	19,728	21,752	21,036
Mining	1,872	1,728	1,694	1,448
Construction	46,496	48,636	51,906	53,616
Manufacturing	76,984	74,366	81,492	74,612
Transportation and utilities	24,126	24,296	27,920	27,726
Wholesale trade	22,036	22,378	24,988	25,588
Retail trade	73,186	68,112	73,830	73,498
Finance, insurance and real estate	9,526	9,606	10,188	10,226
Services	67,858	69,296	75,372	76,494
State and local government	64,746	62,198	67,752	66,164

a/ Disability causing absence from work for a full day or shift beyond the day of the occurrence. Excludes injuries to employees not covered by the California Workers' Compensation Act, such as maritime workers, Federal employees and railroad workers in interstate commerce.

TABLE C-13

OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES BY INDUSTRY CALIFORNIA, 1989

Industry	Incidence rates per 100 full-time workers a/		
	Total cases b/	Lost workday cases	Cases without lost workdays
All industries	9.2	4.5	4.7
Private Sector	8.8	4.4	4.5
Agriculture, forestry, and fishing c/	11.1	5.9	5.2
Mining	9.1	5.4	3.8
Construction	15.7	8.1	7.5
Manufacturing	10.8	5.2	5.6
Transportation and public utilities	11.3	6.4	4.9
Wholesale and retail trade	9.2	4.4	4.8
Wholesale trade	8.5	4.6	3.9
Retail trade	9.5	4.3	5.2
Finance, insurance, and real estate	2.8	1.3	1.4
Services	6.3	3.1	3.2
State and local government	11.9	5.4	6.5

a/ Incidence rates represent the number of injuries and illnesses per 100 full-time employees and were calculated as N x 200,000/(EH) where N = number of occupational injuries, illnesses, or lost workdays; EH = total hours worked by all employees during 1989; and 200,000 = 100 full-time equivalent workers (40 hours per week, 50 weeks per year).
b/ Includes fatalities.
c/ Excludes farms with fewer than 11 employees.

Source agency for Tables C-12 and C-13:
Department of Industrial Relations
Division of Labor Statistics and Research, (415) 737-2785

TABLE C-14

EMPLOYMENT SERVICES PROVIDED TO APPLICANTS, CALIFORNIA, 1989-90

Activity	Total applicants		Percent of						
	Number	Percent	Females	Under age 22	Age 45 and over	Veterans	Minority group	Migrants and seasonal farm-workers	Eligible unemployment insurance claimants
Applicants available	1,093,744	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Referred to jobs:	520,004	47.5	45.1	56.9	41.2	49.6	53.5	67.4	36.7
Nonagricultural	489,096	44.7	43.4	54.4	38.3	49.1	48.4	25.5	33.9
Agricultural	45,120	4.1	2.3	3.6	3.9	2.3	6.7	46.2	3.9
Placed in jobs:	253,629	23.2	21.4	34.9	18.0	22.4	26.9	47.8	14.3
Nonagricultural	229,050	20.9	20.2	32.9	15.7	22.1	22.7	13.1	12.3
Over 3 days	207,936	19.0	19.2	30.6	13.9	19.2	20.9	11.7	11.3
Over 150 days	140,889	12.9	12.6	17.5	9.7	14.8	13.5	5.6	8.4
3 days or less	32,009	2.9	1.5	3.4	2.7	4.9	2.7	1.8	1.6
Agricultural	27,981	2.6	1.3	2.3	2.6	0.9	4.6	36.1	2.3
Over 3 days	24,293	2.2	1.3	2.1	2.1	0.6	4.0	31.6	2.0
Over 150 days	5,984	0.6	0.4	0.5	0.5	0.3	0.9	5.9	0.7
3 days or less	4,569	0.4	0.1	0.3	0.6	0.3	0.7	5.8	0.3
Counseled	7,518	0.7	0.6	0.2	1.2	1.9	0.6	0.4	0.8
Tested	3,213	0.3	0.3	0.1	0.3	0.5	0.3	0.1	0.3
Enrolled in training	2,143	0.2	0.2	0.1	0.3	0.4	0.2	0.0	0.4
Provided some service	591,623	54.1	50.7	61.0	50.9	66.1	59.5	74.8	44.1

Employment Development Department
Job Service Division
Reports Section
(916) 654-9728

TABLE C-15

REGISTERED APPRENTICES ACTIVE IN SELECTED TRADES ON JUNE 30, 1990 AND COMPLETIONS IN CALIFORNIA DURING 1989-90 a/ b/

Trade	Number of apprentices Active on June 30, 1990	Completed in 1989-90	Trade	Number of apprentices Active on June 30, 1990	Completed in 1989-90
All apprentices	50,762	5,793	Line maintainer	306	94
			Lithographer	130	5
Selected trades b/	46,063	5,267			
			Machinist, general	503	50
Acoustical installer	149	10	Maintenance, mechanic	141	13
Air conditioning mechanic	149	11	Meat cutter, retail	522	57
Asbestos worker	290	15	Mill and cabinet maker	363	28
Auto mechanic	723	78	Millwright	319	20
Bricklayer	690	15	Operating engineer	1,612	345
Carpenter	8,555	573	Painter	165	14
Cement mason	775	69	Painter, decorator and paper hanger	1,433	129
Computer peripheral operator programmer	274	38	Paramedic	170	104
Cook	145	61	Parole agent DCD	393	94
Correctional officer	6,705	727	Pipefitter	133	21
			Plasterer	306	49
Drywall/lather	1,859	165	Plumber	1,689	259
			Psychiatric technician	690	60
Electrical repairer	90	36			
Electrician, construction	2,482	262	Refrigeration and air conditioning mechanic	333	21
Electrician, powerhouse	105	40	Roofer	2,273	33
Fire apparatus engineer	105	75			
Fire fighter	279	168	Sheet metal energy management technician	87	21
Fire medic	500	38	Sheet metal worker	1,145	207
Floor coverer	484	23	Sprinkler fitter	514	36
Floor layer, hardwood	127	20	Stationary engineer	157	36
Glazier, construction	298	49	Steam fitter	284	33
Group worker	672	73	Surveyor	650	51
Hazardous material responder	302	53	Taper	713	68
Hazardous material technician	30	3	Tile setter	668	45
			Tile setter, finisher	646	40
Insulating carpenter	211	13	Tool and die maker	159	19
Iron Worker	1,258	180	Traffic officer	981	258
			Truck mechanic	235	26
Lather	356	49			
Licensed vocational nurse	123	57	Welder, combination	151	18
Line erector	117	22	Youth counselor	339	90

a/ A registered apprentice is an employed worker who has entered into a written apprentice agreement with a joint apprenticeship committee of a single employer sponsor whose program has been approved by the Division of Apprenticeship Standards.

b/ The occupations listed are those with 100 or more active apprentices as of June 30, 1990.

Department of Industrial Relations
Division of Apprenticeship Standards
(415) 737-2700

TABLE C-16

REGISTERED APPRENTICES, BY ETHNIC ORIGIN CALIFORNIA, 1986 TO 1990

(As of December)

	1986	1987	1988	1989	1990
Total active apprentices	38,794	42,799	45,143	48,103	49,484
Women					
Number	3,662	4,514	4,896	5,292	5,570
Percent	9.4	10.5	10.8	11.0	11.3
By ethnic group:					
Caucasian (other than Mexican and other Spanish American)					
Number	25,682	27,477	28,058	29,057	29,060
Percent	66.2	64.2	62.2	60.4	58.7
All minorities					
Number	13,112	15,322	17,085	19,046	20,424
Percent	33.8	35.8	37.8	39.6	41.3
Mexican American and other Spanish					
Number	7,376	8,586	9,870	11,385	12,437
Percent	19.1	20.1	21.9	23.7	25.1
Black					
Number	3,460	4,201	4,682	4,912	5,141
Percent	8.9	9.8	10.4	10.2	10.4
American Indian					
Number	777	832	826	890	925
Percent	2.0	1.9	1.8	1.9	1.9
Asian and Pacific Islander					
Number	1,081	1,186	1,173	1,302	1,356
Percent	2.8	2.8	2.6	2.7	2.7
Filipino					
Number	418	517	534	557	565
Percent	1.1	1.2	1.2	1.2	1.1

Department of Industrial Relations
Division of Apprenticeship Standards
(415) 737-2700

TABLE C-17

UNION MEMBERS IN CALIFORNIA BY ECONOMIC AREA, 1985 AND 1987

(As of July: in thousands)

	1985	1987
Total	2,152.7	2,240.2
North Coast	11.5	13.3
Sacramento Valley	84.9	128.2
Mountain	35.1	41.3
San Francisco Bay (9 counties)	613.3	607.4
San Francisco - Oakland	452.1	445.8
Santa Clara County	115.1	114.0
Napa and Solano counties	24.9	25.1
Sonoma County	21.2	22.5
Central Coast	54.6	55.6
San Joaquin Valley	155.1	167.5
Santa Barbara and Ventura counties	48.7	52.3
Los Angeles County	782.1	788.9
Orange County	140.2	149.8
San Diego County	116.9	115.6
Imperial, Riverside and San Bernardino counties	110.3	120.3

Counties included in each area:
North Coast: Del Norte, Humboldt, Lake, and Mendocino.
Sacramento Valley: Butte, Colusa, Glenn, Sacramento, Sutter, Tehama, Yolo and Yuba.
Mountain: Alpine, Amador, Calaveras, El Dorado, Inyo, Lassen, Mariposa, Modoc, Mono, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Trinity and Tuolumne.
San Francisco Bay: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma.
San Francisco-Oakland: Alameda, Contra Costa, Marin, San Francisco and San Mateo.
Central Coast: Monterey, San Benito, San Luis Obispo and Santa Cruz.
San Joaquin Valley: Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare.

Department of Industrial Relations
Division of Labor Statistics and Research
(415) 737-2785

TABLE C-18

UNION MEMBERS BY INDUSTRY, CALIFORNIA, SELECTED YEARS

Industry	1977		1979		1981		1983		1985		1987	
	Number	Percent women	Number	Percent women	Number	Percent women	Number	Percent women	Number	Percent women	Number	Percent women
Number of locals	3,412	---	3,257	---	3,197	---	2,877	---	2,791	---	2,844	---
Total	2,160,600	26	2,263,300	28	2,230,000	28	2,076,700	29	2,152,700	31	2,240,200	29
Manufacturing	555,500	25	556,400	29	518,900	28	452,200	28	442,200	28	458,200	27
Food and kindred products	149,400	37	153,700	42	143,500	41	131,300	41	130,600	39	143,100	35
Textiles and apparel	14,700	69	16,000	74	13,700	68	11,900	66	12,600	68	9,000	69
Lumber and furniture	39,600	10	39,500	10	34,200	10	28,700	11	28,800	12	29,600	9
Paper and allied products	24,200	24	21,100	30	18,000	29	19,100	24	18,000	25	17,700	20
Printing and publishing	27,200	17	27,300	17	25,800	20	23,200	20	22,900	18	30,800	21
Petroleum, chemicals, and rubber	26,800	9	25,500	11	22,100	12	19,900	12	16,500	13	15,100	13
Stone, clay, and glass products	19,800	20	20,400	25	18,600	26	16,200	28	14,400	25	15,300	22
Metals and machinery except transportation equipment and ordnance	146,000	17	132,500	21	124,600	22	107,300	21	97,100	22	86,900	26
Transportation equipment and ordnance	97,200	21	112,600	26	111,200	21	88,900	21	96,100	23	106,600	26
Other manufacturing a/	10,600	48	7,800	56	7,200	49	5,700	49	5,200	54	4,100	57
Nonmanufacturing	1,605,100	27	1,706,900	28	1,711,100	29	1,624,500	29	1,710,500	31	1,782,000	30
Construction	332,200	c/	350,500	c/	349,900	1	309,300	1	309,400	2	313,200	2
Transportation and warehousing	199,700	14	197,600	18	182,900	13	167,000	18	161,100	20	159,300	16
Public utilities	119,000	32	150,700	35	147,300	41	147,900	39	159,100	40	156,800	40
Wholesale and retail trade	303,800	33	325,700	34	334,500	36	319,600	34	305,500	36	321,500	37
Eating and drinking places, hotels, other lodging places	96,300	53	92,600	52	86,700	49	80,200	47	75,500	52	63,300	52
Motion picture production and distribution, theaters, and other entertainment	93,200	25	110,300	24	112,300	27	108,100	27	111,500	27	121,800	23
Miscellaneous services b/	120,900	57	125,200	61	134,700	63	133,900	58	138,700	63	133,100	64
Government	296,800	35	309,100	35	318,600	35	311,800	36	405,800	39	472,000	30
Agriculture, fishing and mineral extraction	43,200	32	45,200	30	44,200	31	46,700	27	43,900	28	41,000	28

a/ Includes leather and leather products, instruments and related products, and miscellaneous manufacturing industries.
b/ Includes finance, insurance, and real estate; personal services; business services; and professional, educational and related services.
c/ Less than one-half of 1 percent.

Department of Industrial Relations
Division of Labor Statistics and Research
(415) 737-2785

TABLE C-19

MAJOR CALIFORNIA UNION SETTLEMENTS, 1987 AND 1988 a/

	All major agreements		Agreements negotiated in 1987 b/	Percent of workers under agreements negotiated in 1987	Agreements to be negotiated in 1988 c/	Percent of workers under agreements negotiated in 1988
	Number	Workers				
All industries	497	1,189,411	154	28	183	39
Manufacturing	136	232,181	46	41	42	31
Canning and preserving	14	28,960	4	16	7	77
Apparel and other textile products	2	3,250	0	0	2	100
Lumber and wood products, except furniture	3	1,650	0	0	2	64
Furniture and fixtures	4	5,550	2	66	2	34
Petroleum refining and related industries	8	8,100	0	0	8	100
Fabricated metal products	11	9,200	1	6	4	47
Electrical equipment and supplies	5	14,700	0	0	3	89
Other manufacturing industries	2	1,760	0	0	2	100
Nonmanufacturing	361	957,230	108	24	141	40
Construction-general contractors	30	216,260	5	5	14	50
Construction-special trade contractors	48	75,560	18	35	18	46
Trucking and warehousing	17	45,740	5	12	12	88
Electric, gas and sanitary services	12	36,130	3	28	6	66
Wholesale trade	21	30,870	5	15	14	81
Retail trade and liquor stores	30	118,810	2	46	11	23
Retail trade except food and automobiles	8	11,770	2	15	3	53
Finance, insurance and real estate	4	5,100	1	31	3	69
Eating and drinking places, hotels and other lodging places	26	53,500	8	40	5	22
Business services	11	12,580	4	20	4	60
Motion pictures	38	88,230	5	14	27	73
Professional, educational and related services	25	46,880	12	45	6	24
Government	7	15,490	1	10	4	73

a/ Settlements covering 500 or more California workers in industries with two or more contracts and a minimum 20 percent of all industry workers covered in 1988 settlements.

b/ Excludes workers covered by agreements which had negotiations scheduled for 1987 that had not been concluded by March 1, 1988.

c/ Includes workers covered by agreements which had negotiations scheduled for 1987 that had not been concluded by March 1, 1988.

Department of Industrial Relations
Division of Labor Statistics and Research
(415) 737-2785

SECTION D

GROSS STATE PRODUCT, INCOME AND COST-OF-LIVING

This section presents data on Gross State Product, business and personal income and the Consumer Price Index.

Gross state product estimates were released in 1988 by the U.S. Department of Commerce, Bureau of Economic Analysis, for the period 1963 through 1986. The estimates are prepared on an industry or gross product originating basis, and are shown in both current and constant dollars.

Estimates of personal income received by residents of each state are prepared annually by the Regional Economics Information System, Bureau of Economic Analysis, United States Department of Commerce. Quarterly estimates of personal income in California, comparable to the United States Department of Commerce series, are prepared by the California Department of Finance.

Data on business and personal taxable income are compiled by the California Franchise Tax Board's Statistical Systems Bureau. It should be noted that much of the state's personal income is received by persons who had insufficient amounts of gross income and net income to necessitate their filing State returns or who are exempt from State taxation. Conversely, there are items of taxable income which are not included in the personal income concept, such as gains from the sale of assets. Therefore, the data reported on California personal income tax returns are not strictly comparable to those estimates of total personal income reported by the Department of Commerce.

The Consumer Price Index is published for three areas in California, the Los Angeles-Anaheim-Riverside CMSA (Los Angeles, Orange, Riverside, San Bernardino, and Ventura Counties), the San Francisco-Oakland-San Jose CMSA (Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma Counties), and the San Diego MSA (San Diego County). The index is also published for California and the United States.

The indexes for the United States, San Diego, San Francisco- Oakland-San Jose, and Los Angeles- Anaheim-Riverside are compiled by the United States Bureau of Labor Statistics. The index for California is computed by the California Department of Industrial Relations, Division of Labor Statistics and Research, as a weighted average of the Los Angeles-Anaheim-Riverside, San Francisco-Oakland-San Jose, and from 1965-1986, San Diego indexes.

TABLE D-1

CALIFORNIA GROSS STATE PRODUCT, 1963 TO 1986
(Millions of dollars)

Year	Current Dollars	Constant 1982 $	Deflator 1982=100	Annual Percent Change Cur $	1982 $	Deflator
1963	65,905	210,153	31.4	--	--	--
1964	70,928	220,848	32.1	7.6	5.1	2.4
1965	75,887	229,125	33.1	7.0	3.7	3.1
1966	83,006	240,495	34.5	9.4	5.0	4.2
1967	88,653	245,762	36.1	6.8	2.2	4.5
1968	97,995	257,843	38.0	10.5	4.9	5.4
1969	105,766	264,621	40.0	7.9	2.6	5.2
1970	111,631	263,933	42.3	5.5	-0.3	5.8
1971	119,192	265,600	44.9	6.8	0.6	6.1
1972	132,199	281,159	47.0	10.9	5.9	4.8
1973	146,473	293,735	49.9	10.8	4.5	6.1
1974	160,979	298,408	53.9	9.9	1.6	8.2
1975	179,858	304,518	59.1	11.7	2.0	9.5
1976	201,536	320,160	62.9	12.1	5.1	6.6
1977	227,590	338,040	67.3	12.9	5.6	7.0
1978	260,296	359,603	72.4	14.4	6.4	7.5
1979	293,600	374,928	78.3	12.8	4.3	8.2
1980	325,171	380,221	85.5	10.8	1.4	9.2
1981	354,905	378,436	93.8	9.1	-0.5	9.7
1982	372,541	372,541	100.0	5.0	-1.6	6.6
1983	408,216	390,528	104.5	9.6	4.8	4.5
1984	456,874	420,525	108.6	11.9	7.7	3.9
1985	496,850	444,082	111.9	8.7	5.6	3.0
1986	533,816	464,550	114.9	7.4	4.6	2.7

Source: U.S. Department of Commerce
Bureau of Economic Analysis

Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE D-2

CALIFORNIA GROSS STATE PRODUCT, SELECTED YEARS
(Millions of dollars)

	1965	1970	1975	1980	1984	1985	1986
Total	75,887	111,631	179,858	325,171	456,874	496,850	533,816
Private Industries	66,114	94,921	154,075	286,751	404,014	438,746	471,786
Agriculture, Forestry, and Fishing	2,446	3,080	6,113	10,888	11,492	11,516	11,282
Farms	2,055	2,474	4,918	8,523	8,370	8,390	7,963
Agricultural services, forestry, fishing	391	606	1,194	2,365	3,122	3,126	3,319
Mining	868	994	2,123	6,035	7,726	7,452	5,927
Metal mining	28	53	27	86	62	84	110
Coal mining	3	8	11				
Oil and gas extraction	705	785	1,845	5,416	7,061	6,736	5,217
Nonmetallic minerals	135	156	247	523	593	618	580
Construction	4,206	5,447	8,243	16,265	19,668	21,563	23,855
Manufacturing	16,153	21,816	32,444	59,025	88,697	93,772	97,680
Durable goods	10,294	13,780	20,218	39,769	60,057	64,013	66,095
Lumber and wood products	648	781	1,105	1,904	2,146	2,114	2,376
Furniture and fixtures	282	357	542	1,104	1,587	1,640	1,656
Stone, clay, and glass	587	716	1,031	1,804	2,117	2,213	2,416
Primary metal industries	655	814	1,142	2,061	1,955	1,793	1,888
Fabricated metal products	1,073	1,611	2,302	4,509	5,549	5,635	5,531
Machinery, except electric	1,173	2,011	3,395	7,154	9,824	10,214	10,113
Electric, electronic equipment	2,005	3,010	4,256	9,521	16,554	18,916	19,115
Motor vehicles	742	661	711	971	1,803	1,692	1,546
Transportation equip. excl. motor vehicles	2,458	2,941	4,221	7,569	13,373	14,364	15,798
Instruments	440	521	944	2,142	3,414	3,739	4,014
Misc. manufacturing	231	357	568	1,029	1,736	1,693	1,644
Nondurable goods	5,859	8,036	12,226	19,256	28,640	29,759	31,584
Food and kindred	2,255	2,978	4,742	6,334	8,071	8,278	8,356
Tobacco	1	1					
Textile mill products	88	144	209	301	362	373	432
Apparel	374	551	954	1,584	2,113	2,096	2,327
Paper	363	528	783	1,311	1,782	1,859	1,984
Printing and publishing	789	1,124	1,664	3,209	4,810	5,163	5,490
Chemicals	754	990	1,458	2,318	3,543	3,553	3,734
Petroleum	889	1,121	1,529	2,641	5,944	6,443	7,088
Rubber and plastics	312	536	788	1,396	1,882	1,868	2,058
Leather	35	62	99	161	133	126	115
Transportation, Communication and Utilities	6,476	9,497	14,701	24,629	36,678	39,579	41,928
Transportation	2,812	4,154	6,136	10,582	13,814	14,597	15,441
Railroads	524	598	689	1,066	1,395	1,362	1,367
Interurban passenger transit	206	245	324	517	684	773	787
Trucking and warehousing	1,044	1,475	2,349	4,071	5,103	5,392	5,627
Water transportation	331	396	481	718	1,043	1,148	1,232
Transportation by air	529	1,165	1,796	3,090	3,623	3,722	4,073
Pipelines	12	19	26	112	152	201	196
Transportation services	168	256	472	1,007	1,813	2,000	2,158
Communication	2,022	3,102	4,827	8,335	12,651	13,552	14,188
Electric, gas, and sanitary	1,642	2,242	3,739	5,712	10,213	11,430	12,299
Wholesale trade	5,147	7,411	13,187	23,313	33,185	36,081	38,711
Retail trade	8,261	11,856	18,511	32,221	47,077	51,514	55,216
Finance, Insurance and Real Estate	12,459	18,980	32,405	60,846	74,384	82,435	93,790
Banking	1,133	1,797	2,381	5,590	7,647	7,413	7,335
Other credit agencies	141	136	309	945	2,013	2,514	3,072
Holding companies	298	379	533	1,118	2,989	4,143	5,518
Insurance carriers	782	1,192	1,712	4,038	3,796	4,385	6,209
Insurance agents, brokers	392	547	887	1,816	2,583	2,976	3,516
Real estate	9,713	14,929	26,583	47,338	55,354	61,004	68,139
Services	10,098	15,840	26,347	53,529	85,108	94,833	103,397
Hotels	495	752	1,144	2,121	2,943	3,282	3,562
Personal services	835	1,040	1,336	2,427	3,161	3,690	3,956
Business services	1,577	2,666	4,767	11,593	21,536	24,285	27,030
Auto repair	603	916	1,625	3,286	4,590	5,054	5,395
Miscellaneous repair	259	355	629	1,529	2,325	2,274	2,202
Motion pictures	707	985	1,453	2,709	4,138	4,661	4,881
Recreation	557	733	1,118	1,952	3,158	3,671	4,034
Health services	2,244	4,059	6,974	13,694	21,341	23,674	25,766
Legal services	498	774	1,485	2,965	5,645	6,395	7,374
Educational services	355	649	1,127	1,733	2,535	2,748	2,628
Social services/membership	663	1,021	1,629	3,024	4,093	4,351	4,657
Miscellaneou professional	936	1,426	2,501	5,619	8,414	9,494	10,595
Private households	370	463	561	876	1,227	1,255	1,315
Government	9,773	16,710	25,783	38,420	52,860	58,104	62,029
Federal civilian	1,960	3,268	4,702	7,059	9,705	10,544	10,742
Federal military	1,665	3,054	4,113	5,667	8,602	9,217	9,406
State and local	6,148	10,388	16,969	25,694	34,553	38,343	41,881

Source: U.S. Department of Commerce, Bureau of Economic Analysis
Department of Finance, Financial and Economic Research, (916) 322-2263

TABLE D-3

CALIFORNIA REAL GROSS STATE PRODUCT, SELECTED YEARS
(Millions of 1982 dollars)

	1965	1970	1975	1980	1984	1985	1986
Total	229,125	263,933	304,518	380,221	420,525	444,082	464,550
Private Industries	193,975	221,797	260,986	334,596	373,711	395,551	415,016
Agriculture, Forestry, and Fishing	6,832	7,101	7,975	10,764	10,187	11,776	11,964
Farms	5,536	5,708	6,343	8,348	7,384	8,819	8,830
Agricultural services, forestry, fishing	1,295	1,393	1,632	2,415	2,803	2,957	3,133
Mining	7,251	7,878	7,530	7,726	8,584	8,186	7,404
Metal mining	86	137	60	80	70	87	102
Coal mining	5	10	12				
Oil and gas extraction	6,843	7,388	7,117	7,120	7,979	7,527	6,755
Nonmetallic minerals	322	353	350	516	524	555	524
Construction	23,499	17,799	16,100	19,091	18,262	19,201	20,285
Manufacturing	39,535	45,377	51,179	69,156	86,819	92,593	96,290
Durable goods	25,631	29,081	32,542	46,435	61,327	66,972	69,962
Lumber and wood products	1,674	1,630	1,744	2,086	1,916	1,906	2,073
Furniture and fixtures	657	662	839	1,310	1,510	1,464	1,406
Stone, clay, and glass	1,538	1,584	1,668	2,000	1,994	2,029	2,117
Primary metal industries	2,014	2,071	1,762	2,158	1,869	1,757	1,899
Fabricated metal products	3,039	3,909	3,510	5,141	5,628	5,563	5,323
Machinery, except electric	2,861	4,071	5,216	7,871	13,204	15,910	17,743
Electric, electronic equipment	3,451	4,808	5,659	10,857	16,025	18,276	18,415
Motor vehicles	1,253	1,084	1,205	1,226	1,739	1,598	1,390
Transportation equip. excl. motor vehicles	7,635	7,503	8,459	10,242	12,394	13,117	14,117
Instruments	890	912	1,493	2,462	3,215	3,558	3,790
Misc. manufacturing	619	847	986	1,084	1,835	1,794	1,687
Nondurable goods	13,903	16,296	18,637	22,721	25,492	25,621	26,328
Food and kindred	4,387	4,898	5,840	6,878	7,364	7,458	7,349
Tobacco	1	2	1	1			
Textile mill products	131	198	221	323	348	350	395
Apparel	752	855	1,388	1,859	2,075	2,021	2,192
Paper	811	1,024	1,140	1,396	1,688	1,718	1,773
Printing and publishing	2,299	2,596	2,910	3,754	4,172	4,228	4,269
Chemicals	1,366	1,785	1,908	2,553	3,430	3,281	3,448
Petroleum	3,407	3,877	3,898	4,214	4,405	4,560	4,810
Rubber and plastics	658	945	1,154	1,567	1,871	1,868	1,975
Leather	92	117	177	177	139	137	117
Transportation, Communication and Utilities	15,988	21,144	24,823	29,962	33,181	34,261	35,236
Transportation	8,158	10,235	11,067	13,000	12,750	13,011	13,838
Railroads	1,689	1,676	1,419	1,398	1,258	1,243	1,247
Interurban passenger transit	723	655	646	670	574	614	623
Trucking and warehousing	2,885	3,530	4,217	4,767	4,851	4,784	5,011
Water transportation	848	910	822	840	1,049	1,086	1,183
Transportation by air	1,399	2,748	3,131	3,945	3,073	3,143	3,515
Pipelines	47	68	74	122	167	191	207
Transportation services	568	648	757	1,258	1,778	1,951	2,051
Communication	3,543	5,261	6,661	9,822	11,503	11,693	11,721
Electric, gas, and sanitary	4,287	5,647	7,095	7,140	8,927	9,556	9,677
Wholesale trade	13,163	16,505	20,833	25,675	31,605	34,461	37,115
Retail trade	23,040	25,438	29,326	37,739	44,052	46,270	49,030
Finance, Insurance and Real Estate	32,647	41,798	56,709	71,220	65,690	69,142	74,259
Banking	3,256	3,739	4,278	6,197	6,609	6,659	6,697
Other credit agencies	358	271	386	897	1,354	1,411	1,627
Holding companies	901	1,175	1,155	1,720	2,576	2,762	3,193
Insurance carriers	1,929	2,186	2,512	3,117	3,420	3,802	4,367
Insurance agents, brokers	1,361	1,544	1,824	2,187	2,299	2,585	2,945
Real estate	24,841	32,883	46,555	57,103	49,431	51,922	55,431
Services	32,022	38,758	46,512	63,262	75,331	79,661	83,433
Hotels	1,797	2,029	2,175	2,536	2,492	2,582	2,564
Personal services	2,538	2,567	2,464	2,872	2,832	3,127	3,251
Business services	5,068	7,030	8,888	14,156	19,077	20,033	21,550
Auto repair	1,743	2,182	2,787	3,812	4,294	4,586	4,728
Miscellaneous repair	787	777	1,006	1,466	1,854	1,934	1,779
Motion pictures	1,742	2,097	2,438	3,079	3,586	3,820	3,958
Recreation	1,375	1,416	1,651	2,169	2,911	3,272	3,439
Health services	7,779	10,072	12,489	16,389	19,331	20,493	21,537
Legal services	2,080	2,476	2,940	3,677	4,445	4,843	5,204
Educational services	1,070	1,326	1,655	1,963	2,226	2,312	2,103
Social services/membership	1,917	2,243	2,632	3,480	3,694	3,767	3,926
Miscellaneou professional	2,827	3,380	4,396	6,682	7,377	7,668	8,123
Private households	1,300	1,163	991	982	1,211	1,225	1,269
Government	35,150	42,137	43,531	45,625	46,814	48,532	49,534
Federal civilian	7,899	9,051	8,086	8,511	8,736	9,043	9,073
Federal military	6,713	8,457	7,073	6,833	7,742	7,905	7,944
State and local	20,539	24,629	28,373	30,280	30,336	31,584	32,517

Source: U.S. Department of Commerce, Bureau of Economic Analysis
Department of Finance, Financial and Economic Research, (916) 322-2263

TABLE D-4

PERSONAL INCOME IN CALIFORNIA BY MAJOR SOURCE, 1950 TO 1990
(In millions)

Year	Wages and salaries	Other labor income	Proprietors' income		Property income	Transfer payments	Less: Contribution for social insurance	Resi-dence adjust-ment	Total personal income
			Farm	Nonfarm					
1950	$12,337	$259	$755	$2,733	$2,544	$1,450	$283	-$10	$19,786
1951	14,791	337	1,013	3,048	2,792	1,239	337	-33	22,849
1952	16,719	400	1,088	3,242	3,024	1,308	383	-38	25,360
1953	18,068	461	968	3,416	3,384	1,412	419	-40	27,249
1954	18,309	502	909	3,462	3,880	1,570	490	-66	28,077
1955	20,081	591	993	3,866	4,299	1,712	561	-73	30,907
1956	22,346	701	1,040	4,114	4,496	1,849	636	-76	33,835
1957	23,820	814	939	4,361	5,096	2,149	738	-75	36,366
1958	24,849	877	817	4,455	5,397	2,641	817	-76	38,144
1959	27,549	1,025	859	4,821	5,857	2,749	939	-80	41,842
1960	29,168	1,106	865	4,794	6,333	3,121	1,085	-95	44,207
1961	30,770	1,204	806	5,102	6,634	3,601	1,171	-84	46,862
1962	33,260	1,354	905	5,421	7,166	3,832	1,277	-82	50,580
1963	35,674	1,531	852	5,631	7,770	4,221	1,479	-71	54,129
1964	38,273	1,758	999	6,156	8,576	4,592	1,592	-71	58,691
1965	40,751	1,948	915	6,409	9,419	5,068	1,712	-18	62,779
1966	44,914	2,164	1,006	6,709	10,093	5,679	2,225	-18	68,322
1967	48,141	2,333	921	7,035	10,837	6,860	2,521	-16	73,590
1968	52,824	2,723	1,059	7,712	11,290	7,844	2,785	-18	80,647
1969	57,917	3,108	966	8,053	12,494	9,035	3,154	-18	88,401
1970	61,230	3,473	979	8,219	13,520	10,978	3,353	-7	95,039
1971	63,908	3,802	965	8,872	14,244	12,637	3,564	2	100,865
1972	69,895	4,486	1,391	9,987	15,031	13,716	4,174	9	110,341
1973	76,904	5,100	2,021	10,853	16,849	15,172	5,135	21	121,784
1974	84,419	5,903	2,549	11,769	18,977	17,919	5,376	34	136,194
1975	90,834	7,038	2,003	13,280	19,810	22,288	5,731	178	149,700
1976	100,631	8,515	2,042	16,217	21,722	24,852	6,562	290	167,708
1977	112,559	10,424	2,110	18,093	24,312	26,859	7,373	149	187,133
1978	128,656	12,150	2,391	20,947	29,596	29,157	8,092	132	214,938
1979	146,684	14,006	3,246	22,695	35,577	32,119	9,664	112	244,775
1980	163,730	16,110	4,108	22,249	42,294	37,393	9,881	104	276,107
1981	182,172	17,706	3,550	21,344	52,025	43,659	11,885	161	308,731
1982	193,183	19,661	2,949	21,419	55,579	47,895	12,827	172	328,033
1983	207,021	21,546	2,967	25,401	59,218	50,638	14,556	203	352,438
1984	229,740	23,094	3,549	29,642	66,935	52,252	16,252	223	389,183
1985	250,463	24,158	4,013	32,768	71,780	57,691	18,532	267	422,608
1986	269,725	25,961	4,723	36,302	74,870	61,589	20,294	233	453,110
1987	294,794	27,897	5,103	41,667	77,564	64,974	22,084	190	490,104
1988	319,662	30,411	5,326	45,905	85,604	70,132	25,086	209	532,164
1989	342,322	32,762	5,934	49,082	97,611	76,301	27,803	280	576,489
1990	366,428	35,048	5,759	52,539	105,031	84,272	30,022	326	619,381

a/ Detail may not add due to rounding.
Source: U.S. Department of Commerce, Bureau of Economic Analysis

Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE D-5

PERSONAL INCOME IN CALIFORNIA BY MAJOR SOURCE, 1980 TO 1990
(In millions)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Wages and salaries a/	$163,730	$182,172	$193,183	$207,021	$229,740	$250,463	$269,725	$294,794	$319,662	$342,322	$366,428
Farm	1,497	1,453	1,705	1,637	1,599	1,600	1,608	1,729	1,758	1,810	1,877
Mining	1,102	1,409	1,528	1,572	1,717	1,721	1,524	1,466	1,606	1,575	1,668
Construction	9,450	10,306	9,654	9,594	11,435	12,958	14,294	15,857	17,542	19,272	19,804
Manufacturing	36,697	40,651	42,715	45,359	50,033	53,679	55,880	59,251	63,353	66,257	68,362
Transportation-utilities	11,542	12,897	13,480	14,219	15,094	16,052	16,872	17,601	18,323	19,497	20,922
Trade	28,393	31,103	32,445	34,795	39,249	42,862	46,150	48,877	53,589	57,633	60,785
Finance-insurance-real estate	10,404	11,712	12,698	14,408	16,050	18,226	21,484	24,844	26,553	27,588	28,789
Services	31,681	36,162	40,063	44,506	50,603	55,470	60,508	69,822	77,818	84,933	94,748
Government	31,689	35,063	37,430	39,380	42,228	46,003	49,371	53,018	56,515	60,916	66,357
Federal civilian	6,425	7,049	7,347	7,868	8,263	8,794	8,909	9,312	9,870	10,258	10,830
Military	3,814	4,550	5,257	5,582	5,983	6,346	6,608	6,818	7,079	7,304	7,368
State and local	21,451	23,464	24,826	25,930	27,982	30,863	33,854	36,888	39,565	43,354	48,159
Other industries	1,274	1,416	1,465	1,550	1,732	1,891	2,034	2,329	2,605	2,842	3,116
Other labor income a/	16,110	17,706	19,661	21,546	23,094	24,158	25,961	27,897	30,411	32,762	35,048
Proprietors' income a/	26,358	24,894	24,368	28,368	33,192	36,781	41,026	46,770	51,231	55,016	58,298
Farm	4,108	3,550	2,949	2,967	3,549	4,013	4,723	5,103	5,326	5,934	5,759
Nonfarm	22,249	21,344	21,419	25,401	29,642	32,768	36,302	41,667	45,905	49,082	52,539
Property income b/	42,294	52,025	55,579	59,218	66,935	71,780	74,870	77,564	85,604	97,611	105,031
Dividends	6,185	7,305	7,564	8,127	9,142	9,439	10,410	11,185	12,566	14,197	15,526
Interest	33,954	41,544	44,876	47,803	54,889	59,099	61,096	62,678	68,913	81,566	87,146
Rent	2,155	3,175	3,139	3,288	2,904	3,242	3,364	3,701	4,125	1,847	2,360
Transfer payments b/	37,393	43,659	47,895	50,638	52,252	57,691	61,589	64,974	70,132	76,301	84,272
Less: contributions for social insurance a/	9,881	11,885	12,827	14,556	16,252	18,532	20,294	22,084	25,086	27,803	30,022
Residence adjustment	104	161	172	203	223	267	233	190	209	280	326
Total personal income b/	$276,107	$308,731	$328,033	$352,438	$389,183	$422,608	$453,110	$490,104	$532,164	$576,489	$619,381

a/ Place of work
b/ Place of residence
Note: Detail may not add to total because of rounding.
Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Department of Finance
Financial and Economic Research
(916) 322-2263

TABLE D-6

PERSONAL INCOME BY COUNTY, 1980 TO 1989

(In millions)

County	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1989 Rank
Total a/	$276,106.6	$308,730.9	$328,032.7	$352,438.2	$389,182.9	$422,607.7	$453,109.8	$490,103.5	$533,115.6	$576,433.0	
Alameda	13,092.7	14,738.8	15,696.3	17,008.6	18,867.3	20,275.5	21,445.0	22,720.6	24,751.6	26,393.4	5
Alpine	9.2	10.6	12.2	12.2	14.4	15.4	16.5	18.1	20.4	24.5	58
Amador	188.3	205.1	214.0	238.8	265.2	292.7	315.0	351.7	390.5	425.6	45
Butte	1,297.5	1,450.3	1,489.0	1,585.2	1,736.0	1,875.3	2,005.5	2,180.7	2,366.6	2,589.9	26
Calaveras	184.4	206.0	214.2	233.9	265.9	294.0	326.8	342.9	374.7	416.2	46
Colusa	178.3	216.8	168.9	174.7	182.3	205.3	213.1	228.6	248.6	281.3	51
Contra Costa	8,785.0	9,886.1	10,529.0	11,615.4	12,728.6	13,924.1	14,963.5	16,035.1	17,591.5	19,053.7	8
Del Norte	168.9	175.6	163.4	176.6	184.8	190.5	195.2	205.8	226.0	250.9	52
El Dorado	885.0	973.3	1,030.2	1,148.1	1,268.1	1,428.1	1,584.9	1,784.0	1,971.8	2,208.3	31
Fresno	5,455.0	5,791.5	5,943.8	6,250.6	6,813.4	7,428.6	7,921.0	8,557.8	9,262.0	10,022.5	13
Glenn	252.4	268.0	240.3	239.6	259.1	278.3	305.6	338.3	355.3	381.7	47
Humboldt	1,044.7	1,107.6	1,123.5	1,208.7	1,289.3	1,371.1	1,471.5	1,575.4	1,690.7	1,833.3	32
Imperial	888.2	934.9	983.1	1,032.5	1,055.8	1,085.6	1,150.0	1,232.6	1,410.0	1,467.2	33
Inyo	178.0	199.0	204.6	216.6	225.8	235.0	242.0	251.6	279.5	306.5	49
Kern	4,321.3	4,695.8	4,998.6	5,235.6	5,723.1	6,224.1	6,579.0	6,877.7	7,505.4	7,948.5	15
Kings	774.6	799.0	806.8	828.6	902.6	942.5	973.8	1,093.7	1,193.4	1,326.1	34
Lake	349.4	396.3	437.8	479.0	524.3	559.9	598.3	634.1	679.0	749.2	39
Lassen	186.1	200.8	213.7	227.0	246.7	263.7	281.7	293.4	316.1	342.1	48
Los Angeles	88,053.0	98,106.7	103,953.2	109,980.6	120,917.2	130,394.8	138,876.1	149,952.4	161,836.2	174,366.2	1
Madera	670.1	668.1	664.8	652.0	727.7	771.1	879.4	980.5	1,090.7	1,129.5	37
Marin	3,813.8	4,284.5	4,661.5	5,015.7	5,576.1	6,056.3	6,381.3	6,892.4	7,520.2	8,123.7	14
Mariposa	99.1	108.0	116.9	134.4	143.0	157.5	167.4	172.4	191.0	206.8	53
Mendocino	650.2	698.6	718.0	775.5	839.2	900.8	966.9	1,030.6	1,106.5	1,225.8	36
Merced	1,268.5	1,310.1	1,362.0	1,419.2	1,651.1	1,788.2	1,886.2	2,040.0	2,168.0	2,335.3	28
Modoc	106.3	98.4	99.7	109.4	110.7	106.7	115.3	117.2	127.0	132.5	56
Mono	92.6	104.2	118.0	119.6	123.4	130.8	138.0	145.5	166.9	182.4	54
Monterey	3,178.0	3,601.6	3,803.1	4,174.1	4,481.9	4,826.1	5,212.9	5,566.6	5,966.2	6,274.0	19
Napa	1,145.6	1,275.7	1,358.8	1,450.1	1,568.0	1,712.0	1,818.0	1,942.5	2,119.3	2,311.0	29
Nevada	497.8	572.1	606.3	677.3	771.6	867.0	957.0	1,066.9	1,173.2	1,294.7	35
Orange	25,407.5	28,833.7	30,612.7	32,941.3	36,655.7	40,169.6	43,395.9	47,434.5	51,436.4	55,999.5	2
Placer	1,308.1	1,455.2	1,541.6	1,729.3	1,904.7	2,136.6	2,353.8	2,543.5	2,801.1	3,129.6	25
Plumas	161.4	178.1	180.9	201.0	216.7	232.7	247.0	259.2	277.7	302.1	50
Riverside	7,104.1	8,010.7	8,489.9	9,392.2	10,513.8	11,674.0	13,054.6	14,611.1	16,219.7	17,871.7	10
Sacramento	8,310.2	9,271.7	9,886.0	10,571.1	11,673.0	12,912.8	14,026.6	15,296.3	16,676.7	18,359.0	9
San Benito	246.3	269.5	289.6	321.4	357.4	391.9	435.2	476.6	519.1	551.2	44
San Bernardino	8,757.8	9,905.2	10,382.6	11,371.1	12,511.4	13,987.5	15,669.2	17,633.5	19,667.7	21,472.7	6
San Diego	19,917.7	22,625.1	24,349.5	26,292.7	29,154.1	32,190.3	34,943.7	38,084.8	41,847.4	45,867.8	3
San Francisco	9,793.5	11,048.8	11,832.0	12,804.2	14,196.7	15,304.1	16,052.9	16,945.7	18,305.8	19,398.1	7
San Joaquin	3,634.5	3,982.4	4,168.3	4,347.8	4,814.0	5,215.1	5,619.4	5,997.8	6,498.6	6,998.4	18
San Luis Obispo	1,443.5	1,651.6	1,762.0	2,151.8	2,297.8	2,469.8	2,673.4	2,923.3	3,180.6	3,498.3	24
San Mateo	8,595.9	9,667.1	10,422.0	11,251.3	12,525.8	13,341.5	14,030.7	14,930.2	16,236.9	17,529.0	11
Santa Barbara	3,563.0	4,031.3	4,337.9	4,719.6	5,228.0	5,696.0	6,024.3	6,370.5	6,863.3	7,478.3	17
Santa Clara	16,910.5	19,034.4	20,781.7	22,625.9	25,384.3	27,071.3	28,412.7	30,445.6	33,108.0	35,544.3	4
Santa Cruz	2,087.0	2,345.1	2,497.1	2,764.7	3,069.5	3,323.7	3,623.0	3,935.8	4,326.2	4,321.8	22
Shasta	1,074.1	1,163.2	1,233.6	1,335.0	1,470.3	1,572.6	1,690.5	1,855.1	2,030.1	2,229.0	30
Sierra	28.4	30.0	31.9	34.5	37.8	41.1	44.2	46.7	50.1	54.7	57
Siskiyou	386.1	406.3	410.5	439.1	460.4	478.5	513.3	545.6	590.3	627.8	42
Solano	2,402.7	2,684.1	2,850.2	3,121.5	3,379.4	3,749.2	4,083.3	4,444.3	4,919.9	5,314.9	20
Sonoma	3,430.8	3,877.7	4,089.6	4,547.5	5,042.1	5,556.0	6,021.9	6,560.6	7,212.2	7,882.7	16
Stanislaus	2,577.1	2,851.7	2,994.6	3,123.9	3,442.3	3,743.3	4,040.2	4,400.7	4,792.3	5,211.8	21
Sutter	557.4	636.7	609.8	625.1	684.1	743.3	775.7	820.6	876.1	960.8	38
Tehama	331.7	360.1	386.3	409.9	436.5	467.8	503.9	521.0	557.2	593.9	43
Trinity	95.5	103.5	105.6	117.8	127.1	135.8	144.5	150.8	162.5	177.5	55
Tulare	2,283.4	2,437.3	2,557.7	2,660.6	2,923.0	3,122.7	3,384.2	3,606.2	3,905.7	4,163.8	23
Tuolumne	308.1	341.9	360.9	388.7	433.2	481.9	532.0	573.7	618.9	680.9	40
Ventura	5,940.7	6,670.1	7,114.6	7,857.9	8,663.1	9,495.6	10,360.6	11,384.3	12,418.8	13,396.3	12
Yolo	1,239.1	1,331.5	1,377.5	1,423.2	1,623.6	1,775.7	1,918.5	2,090.7	2,283.0	2,533.5	27
Yuba	396.5	443.7	444.4	449.0	494.4	526.6	547.8	585.7	634.9	680.2	41

a/ Sum of the counties. Income amounts are not comparable to those shown in Table D-4 or D-5 because of data revisions.
Note: Detail may not add to totals because of rounding. Source: U.S.Department of Commerce, Bureau of Economic Analysis.

TABLE D-7

PER CAPITA PERSONAL INCOME BY COUNTY, 1980 TO 1989

(Residence Adjusted)

County	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1989 Rank
California a/	$11,603	$12,724	$13,236	$13,926	$15,096	$16,033	$16,784	$17,724	$18,829	$19,840	
Alameda	11,796	13,094	13,770	14,681	16,024	16,969	17,734	18,597	19,944	20,967	9
Alpine	8,263	9,235	10,236	10,483	12,700	13,023	13,272	15,190	16,920	20,220	11
Amador	9,645	10,085	10,285	11,162	11,937	12,613	13,145	13,896	14,180	14,573	41
Butte	8,952	9,736	9,747	10,202	10,969	11,545	12,134	12,894	13,564	14,471	43
Calaveras	8,786	9,341	9,145	9,557	10,428	11,067	11,720	11,552	11,997	12,607	53
Colusa	13,856	16,473	12,217	12,430	12,944	14,073	14,371	15,389	16,201	17,998	20
Contra Costa	13,332	14,798	15,478	16,776	18,143	19,470	20,515	21,526	22,990	24,308	5
Del Norte	9,215	9,367	8,835	9,485	10,028	10,208	10,285	10,606	11,232	12,139	56
El Dorado	10,200	10,772	10,923	11,933	12,794	13,746	14,635	15,656	16,257	17,264	22
Fresno	10,544	10,988	11,039	11,336	12,047	12,897	13,551	14,307	15,065	15,927	29
Glenn	11,745	12,174	10,794	10,534	11,440	12,118	13,350	14,747	15,185	16,185	26
Humboldt	9,584	10,005	10,179	10,958	11,597	12,256	13,038	13,808	14,545	15,546	33
Imperial	9,564	9,767	9,998	10,243	10,285	10,260	10,761	11,256	12,500	12,712	52
Inyo	9,938	11,079	11,097	11,731	12,374	12,899	13,499	14,081	15,514	17,045	23
Kern	10,627	11,181	11,473	11,635	12,345	12,978	13,355	13,599	14,433	14,856	38
Kings	10,436	10,515	10,323	10,255	10,925	11,103	11,396	12,529	12,902	13,907	47
Lake	9,466	10,149	10,730	11,134	11,517	11,737	12,272	12,622	13,190	14,166	45
Lassen	8,514	8,892	9,096	9,572	10,254	10,835	11,306	11,062	11,639	12,126	57
Los Angeles	11,735	12,918	13,427	13,945	15,118	16,037	16,665	17,680	18,845	19,906	13
Madera	10,473	9,923	9,575	9,078	9,947	10,300	11,280	12,234	13,136	13,121	51
Marin	17,098	19,090	20,765	22,251	24,785	26,933	28,158	30,252	32,684	34,983	1
Mariposa	8,822	9,233	9,709	10,882	11,153	11,846	12,261	12,290	13,105	13,735	48
Mendocino	9,692	10,222	10,310	10,983	11,709	12,299	13,054	13,728	14,525	15,858	30
Merced	9,349	9,367	9,506	9,564	10,801	11,308	11,753	12,381	12,752	13,387	50
Modoc	12,240	10,966	10,765	11,588	11,566	11,270	12,446	12,718	13,789	14,494	42
Mono	10,686	11,609	12,538	12,712	13,685	14,413	15,145	15,678	17,551	18,855	15
Monterey	10,865	12,001	12,392	13,258	13,884	14,653	15,421	16,205	17,107	17,622	21
Napa	11,531	12,791	13,419	14,259	15,365	16,578	17,392	18,446	19,881	21,417	8
Nevada	9,450	10,094	10,096	10,891	11,939	12,815	13,574	14,442	15,170	15,987	28
Orange	13,057	14,460	15,104	15,976	17,558	18,886	19,966	21,406	22,790	24,288	6
Placer	11,049	11,859	12,173	13,386	14,278	15,488	16,506	17,096	18,034	19,337	14
Plumas	9,243	9,935	9,832	10,965	11,683	12,171	12,831	13,184	13,794	14,726	39
Riverside	10,615	11,573	11,827	12,621	13,500	14,264	15,104	15,855	16,465	17,028	24
Sacramento	10,542	11,500	11,884	12,400	13,428	14,499	15,334	16,146	17,071	18,194	19
San Benito	9,775	10,396	10,747	11,555	12,320	12,890	13,707	14,410	15,036	15,279	34
San Bernardino	9,694	10,591	10,694	11,331	12,067	12,922	13,767	14,573	15,217	15,635	31
San Diego	10,616	11,727	12,316	13,005	14,053	15,095	15,847	16,658	17,654	18,651	17
San Francisco	14,382	16,070	16,991	18,139	19,852	20,957	21,724	22,979	25,020	26,454	3
San Joaquin	10,376	11,024	11,175	11,288	12,099	12,569	13,087	13,514	14,260	14,861	37
San Luis Obispo	9,199	10,162	10,511	12,444	12,791	13,132	13,698	14,455	15,328	16,290	25
San Mateo	14,614	16,374	17,561	18,654	20,551	21,683	22,804	24,047	25,841	27,659	2
Santa Barbara	11,879	13,250	13,985	14,839	16,168	17,196	17,901	18,667	20,001	21,504	7
Santa Clara	13,004	14,431	15,561	16,633	18,421	19,373	20,270	21,547	23,120	24,581	4
Santa Cruz	11,022	12,098	12,644	13,671	14,884	15,616	16,676	17,710	19,082	18,637	18
Shasta	9,205	9,635	10,085	10,765	11,586	12,049	12,764	13,670	14,527	15,567	32
Sierra	9,217	9,616	9,551	10,224	11,171	12,070	13,082	13,665	14,134	15,235	35
Siskiyou	9,654	9,916	9,852	10,509	10,955	11,223	12,143	12,783	13,562	14,300	44
Solano	10,116	10,902	11,164	11,910	12,682	13,652	14,215	14,785	15,663	16,154	27
Sonoma	11,375	12,560	13,006	14,162	15,462	16,628	17,516	18,523	19,705	20,860	10
Stanislaus	9,617	10,341	10,624	10,762	11,621	12,304	12,839	13,431	14,052	14,689	40
Sutter	10,595	11,803	11,013	10,966	12,001	12,781	13,142	13,579	14,157	15,185	36
Tehama	8,472	8,970	9,374	9,735	10,155	10,620	11,328	11,431	11,945	12,471	55
Trinity	7,965	8,309	8,417	9,198	9,633	10,099	10,733	11,199	11,613	12,495	54
Tulare	9,229	9,609	9,851	9,968	10,703	11,154	11,850	12,369	13,110	13,668	49
Tuolumne	8,999	9,654	9,878	10,319	11,216	11,883	12,553	12,820	13,390	14,080	46
Ventura	11,152	12,222	12,680	13,677	14,750	15,808	16,904	18,097	19,186	20,156	12
Yolo	10,894	11,580	11,708	11,954	13,485	14,357	15,440	16,408	17,341	18,816	16
Yuba	7,958	8,861	8,657	8,633	9,370	9,803	10,100	10,574	11,224	11,801	58

a/ State data revised subsequent to release of county data.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Department of Finance, Financial and Economic Research (916) 322-2263

TABLE D-8

PERSONAL INCOME TAX RETURNS: NUMBER AND AMOUNT OF ADJUSTED GROSS INCOME REPORTED BY ADJUSTED GROSS INCOME CLASS CALIFORNIA, 1989 INCOME YEAR a/

Adjusted gross income class	Resident returns			Nonresident returns			Total returns		
	Number of returns	Adjusted gross income ($1,000) b/	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000) b/	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000) b/	Tax assessed ($1,000)
No adjusted gross income	520,063	($4,235,518)	$5,894	9,805	($1,408,982)	$30	529,868	($5,644,500)	$5,924
$1 under $1,000	203,672	89,924	59	9,117	3,033	0	212,789	92,957	59
1,000 under 2,000	216,499	326,595	59	4,821	6,542	2	221,320	333,137	61
2,000 under 3,000	295,990	730,027	6	7,807	20,127	15	303,797	750,154	21
3,000 under 4,000	276,700	966,261	40	7,577	26,953	6	284,277	993,214	46
4,000 under 5,000	305,221	1,372,295	125	6,820	30,991	2	312,041	1,403,286	127
5,000 under 6,000	319,354	1,754,078	115	7,323	39,870	13	326,677	1,793,948	128
6,000 under 7,000	346,707	2,249,277	439	7,578	48,864	1	354,285	2,298,141	440
7,000 under 8,000	329,712	2,462,232	1,371	8,062	60,131	49	337,774	2,522,363	1,420
8,000 under 9,000	300,821	2,552,873	3,373	7,577	64,263	27	308,398	2,617,136	3,400
9,000 under 10,000	335,596	3,191,036	6,686	11,114	104,868	126	346,710	3,295,904	6,812
10,000 under 11,000	329,745	3,468,714	10,435	10,605	111,062	282	340,350	3,579,776	10,717
11,000 under 12,000	306,409	3,522,681	14,106	15,151	173,595	526	321,560	3,696,276	14,632
12,000 under 13,000	267,227	3,338,550	16,541	12,606	157,112	442	279,833	3,495,662	16,983
13,000 under 14,000	280,552	3,786,635	20,059	12,850	172,255	512	293,402	3,958,890	20,571
14,000 under 15,000	285,328	4,136,181	28,482	10,344	149,205	714	295,672	4,285,386	29,196
15,000 under 16,000	267,484	4,148,399	30,319	10,857	168,099	782	278,341	4,316,498	31,101
16,000 under 17,000	263,899	4,350,554	37,616	10,351	171,107	766	274,250	4,521,661	38,382
17,000 under 18,000	265,665	4,648,202	42,190	10,099	177,124	933	275,764	4,825,326	43,123
18,000 under 19,000	242,362	4,485,450	48,773	6,816	126,010	519	249,178	4,611,460	49,292
19,000 under 20,000	250,924	4,887,703	55,899	7,573	147,427	504	258,497	5,035,130	56,403
20,000 under 21,000	221,353	4,534,918	53,356	5,764	117,854	1,241	227,117	4,652,772	54,597
21,000 under 22,000	216,875	4,666,179	63,779	8,311	178,247	1,370	225,186	4,844,426	65,149
22,000 under 23,000	221,041	4,971,159	72,813	7,781	173,710	594	228,822	5,144,869	73,407
23,000 under 24,000	218,228	5,124,717	71,952	8,075	190,293	1,105	226,303	5,315,010	73,057
24,000 under 25,000	179,579	4,394,017	66,632	8,034	197,183	1,342	187,613	4,591,200	67,974
25,000 under 26,000	189,863	4,843,611	79,784	9,048	230,714	1,306	198,911	5,074,325	81,090
26,000 under 27,000	194,091	5,142,655	91,371	7,301	192,599	1,868	201,392	5,335,254	93,239
27,000 under 28,000	183,365	5,044,986	92,306	9,067	249,164	2,222	192,432	5,294,150	94,528
28,000 under 29,000	163,881	4,668,379	95,454	7,259	206,753	1,364	171,140	4,875,132	96,818
29,000 under 30,000	172,329	5,078,940	98,703	7,277	214,362	1,907	179,606	5,293,302	100,610
30,000 under 35,000	773,607	25,067,205	534,968	33,521	1,088,845	12,237	807,128	26,156,050	547,205
35,000 under 40,000	689,907	25,811,903	623,597	35,341	1,310,882	15,448	725,248	27,122,785	639,045
40,000 under 50,000	1,024,926	45,903,444	1,216,777	42,438	1,879,491	26,049	1,067,364	47,782,935	1,242,826
50,000 under 60,000	720,521	39,372,364	1,191,101	28,896	1,591,817	19,557	749,417	40,964,181	1,210,658
60,000 under 70,000	509,570	32,956,175	1,119,928	27,033	1,717,928	23,675	536,603	34,674,103	1,143,603

TABLE D-8 (Continued)

PERSONAL INCOME TAX RETURNS: NUMBER AND AMOUNT OF ADJUSTED GROSS INCOME REPORTED BY ADJUSTED GROSS INCOME CLASS CALIFORNIA, 1989 INCOME YEAR a/

Adjusted gross income class	Resident returns			Nonresident returns			Total returns		
	Number of returns	Adjusted gross income ($1,000) b/	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000) b/	Tax assessed ($1,000)	Number of returns	Adjusted gross income ($1,000) b/	Tax assessed ($1,000)
70,000 under 80,000	325,710	24,357,006	957,038	18,334	1,362,613	29,978	344,044	25,719,619	987,016
80,000 under 90,000	207,405	17,555,708	759,860	9,545	807,264	17,695	216,950	18,362,972	777,555
90,000 under 100,000	150,874	14,292,505	663,378	10,014	934,655	20,729	160,888	15,227,160	684,107
100,000 under 150,000	246,286	29,310,280	1,561,897	20,632	2,490,895	55,257	266,918	31,801,175	1,617,154
150,000 under 200,000	78,008	13,354,674	823,851	10,351	1,771,778	36,616	88,359	15,126,452	860,467
200,000 under 300,000	57,972	13,955,369	944,343	9,329	2,279,547	30,804	67,301	16,234,916	975,147
300,000 under 400,000	22,239	7,642,572	557,052	4,289	1,473,866	22,354	26,528	9,116,438	579,406
400,000 under 500,000	11,491	5,122,361	387,761	2,357	1,051,969	13,853	13,848	6,174,330	401,614
500,000 under 1,000,000	17,771	12,056,315	950,431	4,607	3,179,911	37,620	22,378	15,236,226	988,051
1,000,000 and over	9,020	24,528,094	2,049,898	4,075	14,693,406	81,297	13,095	39,221,500	2,131,195
Total	13,015,842	$431,987,685	$15,450,617	533,532	$40,135,402	$463,739	13,549,374	$472,123,087	$15,914,356

a/ Includes returns received through approximately the end of December of the succeeding year. Table D-9 is derived from all current year returns before audit. Table D-8 is based on a random stratified sample prepared by the Research Bureau of the Franchise Tax Board. Tables D-8 and D-9 are not strictly comparable.
b/ For resident returns AGI represents California AGI, while for nonresident returns AGI represents total AGI.

Franchise Tax Board
Research Section
(916) 369-3400

TABLE D-9

PERSONAL INCOME TAX STATISTICS BY COUNTY, 1989 INCOME YEAR c/

County	All taxable and nontaxable returns				Joint returns			Tax assessed (Thousands)
	Number of returns	Adjusted gross income (Thousands)	Median income Median	Rank	Number of returns	Median income Median	Rank	
Alameda	552,492	$18,106,869	$23,728	7	210,540	$44,993	5	$616,790
Alpine	246	6,113	20,167	23	130	33,750	25	148
Amador	11,112	313,164	21,484	15	6,383	31,375	32	8,969
Butte	67,850	1,538,962	15,632	50	32,667	27,174	44	40,063
Calaveras	11,649	309,718	20,251	22	6,778	29,917	37	7,899
Colusa	6,820	156,337	14,559	55	3,627	21,609	57	4,575
Contra Costa	346,455	14,035,974	27,787	1	157,215	50,287	2	533,351
Del Norte	7,496	168,936	16,789	44	3,975	27,793	42	3,980
El Dorado	48,139	1,421,805	22,161	11	25,890	35,620	17	38,732
Fresno	252,290	6,082,103	14,808	54	116,305	27,785	43	181,306
Glenn	9,543	205,557	15,068	52	4,961	25,018	52	4,975
Humboldt	45,933	1,107,379	16,855	43	21,270	31,277	34	31,310
Imperial	46,441	876,707	10,794	58	26,062	15,080	58	21,804
Inyo	6,798	200,925	18,934	30	3,474	32,976	27	7,256
Kern	194,087	5,016,372	17,717	38	94,986	31,948	29	138,807
Kings	30,367	678,722	15,869	48	15,635	26,708	46	16,419
Lake	18,329	407,762	16,042	47	9,698	25,383	51	9,729
Lassen	8,532	212,588	20,331	18	4,685	31,573	31	5,159
Los Angeles	3,537,758	113,401,769	19,022	27	1,318,926	35,566	18	4,202,893
Madera	31,632	732,634	15,311	51	17,224	26,044	49	18,871
Marin	110,096	5,318,941	27,100	2	42,186	55,605	1	250,675
Mariposa	5,528	129,183	16,955	42	2,838	27,068	45	3,219
Mendocino	32,097	787,937	17,037	41	15,308	29,763	39	22,188
Merced	61,772	1,352,819	14,848	53	31,625	24,649	54	34,365
Modoc	2,927	65,441	17,173	40	1,643	26,071	48	1,617
Mono	3,986	112,302	19,000	29	1,650	34,286	23	3,533
Monterey	128,437	3,682,431	18,296	34	58,199	31,344	33	116,020
Napa	45,278	1,501,031	22,198	10	21,002	38,895	11	53,054
Nevada	28,500	846,517	21,219	16	15,656	32,447	28	25,602
Orange	1,051,382	39,121,349	23,099	8	445,236	44,706	6	1,486,516
Placer	73,295	2,492,425	24,447	6	38,745	40,792	9	80,122
Plumas	7,307	180,139	18,848	31	4,118	29,769	38	4,454
Riverside	415,857	12,370,399	20,315	20	211,380	34,628	20	361,555
Sacramento	423,505	12,531,479	21,670	13	179,395	38,864	12	386,242
San Benito	13,960	390,740	18,692	32	6,913	33,807	24	11,086
San Bernardino	482,693	13,991,186	21,491	14	236,866	36,778	13	380,302
San Diego	991,979	30,739,003	20,317	19	429,106	36,758	14	1,010,647
San Francisco	367,202	11,605,597	20,274	21	97,567	34,534	21	481,068
San Joaquin	178,383	4,723,076	18,133	35	84,408	33,460	26	139,286
San Luis Obispo	79,221	2,279,467	19,980	25	38,179	34,350	22	67,815
San Mateo	292,055	12,293,833	26,662	3	119,083	49,014	4	510,999
Santa Barbara	150,030	4,923,490	20,029	24	64,898	36,741	15	176,484
Santa Clara	674,240	25,875,523	26,404	4	271,364	50,163	3	982,274
Santa Cruz	102,624	3,031,295	19,008	28	42,870	35,776	16	94,505
Shasta	56,689	1,430,754	17,797	37	29,739	29,669	40	39,460
Sierra	1,199	30,978	20,413	17	657	30,463	38	796
Siskiyou	16,965	372,496	16,358	46	8,956	25,975	50	9,279
Solano	129,089	4,061,963	25,464	5	63,333	42,583	7	111,811
Sonoma	168,868	5,362,862	22,070	12	74,635	39,792	10	178,086
Stanislaus	142,635	3,769,861	18,071	36	70,566	31,774	30	108,961
Sutter	24,370	603,689	16,788	45	12,809	28,288	41	16,844
Tehama	16,219	343,741	15,782	49	8,668	24,985	53	7,904
Trinity	4,426	102,873	17,596	39	2,476	26,259	47	2,620
Tulare	108,595	2,323,404	13,438	57	56,116	23,149	56	58,787
Tuolumne	18,215	481,546	19,676	26	9,861	30,696	35	13,070
Ventura	253,310	8,412,785	22,985	9	121,473	41,845	8	265,070
Yolo	56,377	1,598,263	18,391	33	24,536	35,522	19	49,636
Yuba	18,892	363,582	14,245	56	9,609	23,230	55	7,545
Unallocated a/	162,670	5,183,096	16,953	--	60,383	36,871	--	182,778
Resident out-of-state b/	103,237	3,444,621	17,717	--	38,668	33,333	--	140,509
Nonresident	281,375	25,385,920	29,793	--	159,189	43,872	--	257,051
Total	12,519,454	$418,598,433	$20,738	--	5,292,340	$37,705	--	$14,026,871

a/ Unable to determine county of residence from tax returns. b/ Resident returns filed with out-of-state address. c/ Table D-9 is derived from all current returns before audit. D-8 is based on a random stratified sample. The two are not strictly comparable.

TABLE D-10

BANK AND CORPORATION FRANCHISE TAX RETURNS, STATE NET INCOME, AND TAX ASSESSED BY STATE NET INCOME CLASS, 1989 INCOME YEAR a/

Net income taxable in California b/		Number of returns	Net income reported to State for taxation b/ ($1,000)	Tax assessed ($1,000)
Net loss		166,424	($19,542,649)	$87,378
No income or loss		51,699	0	24,160
$1 under	$5,000	72,363	138,971	31,566
5,000 under	10,000	30,034	216,595	18,310
10,000 under	15,000	18,360	224,704	17,238
15,000 under	20,000	13,141	227,122	16,226
20,000 under	25,000	10,318	229,956	15,626
25,000 under	30,000	8,275	226,253	15,346
30,000 under	40,000	12,801	444,574	32,299
40,000 under	50,000	9,540	425,914	28,438
50,000 under	60,000	6,863	373,427	26,399
60,000 under	70,000	5,513	358,934	28,823
70,000 under	80,000	4,729	353,589	26,861
80,000 under	90,000	4,401	371,918	26,015
90,000 under	100,000	2,665	253,417	18,723
100,000 under	150,000	8,895	1,086,472	79,166
150,000 under	200,000	4,070	704,406	41,963
200,000 under	250,000	2,505	564,953	42,281
250,000 under	300,000	2,080	576,281	42,645
300,000 under	400,000	2,505	872,057	52,169
400,000 under	500,000	1,884	839,077	53,817
500,000 under	750,000	2,212	1,347,269	96,786
750,000 under	1,000,000	1,788	1,543,648	117,374
1,000,000 under	1,500,000	1,216	1,498,521	104,761
1,500,000 under	2,000,000	848	1,465,231	76,611
2,000,000 under	3,000,000	744	1,759,506	108,299
3,000,000 under	4,000,000	466	1,598,183	115,454
4,000,000 under	5,000,000	203	854,878	65,277
5,000,000 under	10,000,000	554	3,883,949	291,380
10,000,000 and over		605	31,476,604	2,745,821
Total		447,701	$34,373,760	$4,447,212

a/ Includes bank and corporation franchise tax returns received through December of the succeeding year. Returns for a given income year include those for the calendar years and fiscal years ended therein (i.e., 1989 includes January 31, 1989 through December 31, 1989 accounting periods). Excludes corporation income tax returns.
b/ As allocated to State for tax purposes.

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TABLE D-11

BANK AND CORPORATION FRANCHISE TAX RETURNS AND STATE NET INCOME, BY INDUSTRY, 1989 INCOME YEAR a/

(Income in $1,000)

Industry	Corporations reporting net income subject to state taxation		All reporting corporations	
	Number	Net income	Number	Net income less net loss
Agriculture, forestry and fisheries	4,994	$576,851	9,063	$288,479
Mining	1,483	$547,653	3,601	$4,865
Crude petroleum and natural gas production	817	269,262	2,105	(215,104)
Other mining and quarrying	666	278,391	1,496	219,969
Construction	19,751	$2,172,851	37,123	$1,393,894
Manufacturing	25,296	$17,050,491	48,180	$12,666,695
Beverages, food, and kindred products	1,475	1,262,365	2,499	1,112,089
Textile-mill products	239	30,102	401	8,573
Apparel and products made from fabric	1,423	342,171	2,799	239,906
Wood products, except furniture	641	711,449	1,646	652,351
Furniture and fixtures	710	145,243	1,556	(30,814)
Paper and allied products	755	343,151	1,629	296,271
Printing, publishing, and allied industries	2,997	1,061,412	4,865	836,447
Chemicals and allied products	857	1,922,929	1,803	1,641,514
Petroleum, coal, and rubber products	1,781	1,976,069	3,104	1,441,910
Stone, clay, and glass products	804	317,068	1,027	245,386
Primary metals	506	209,783	673	193,344
Electrical machinery and equipment	2,939	3,078,579	6,188	1,933,993
Transportation equipment	686	1,988,815	1,486	1,858,551
Other equipment	2,263	1,407,753	3,479	1,099,744
Precision equipment	1,204	748,512	2,752	443,065
Other fabricated metal products	4,102	667,648	7,857	159,448
Other manufacturing b/	1,914	837,442	4,416	534,917
Services	84,968	$5,418,359	169,657	$1,645,269
Motion picture production	4,819	305,766	9,462	(45,702)
Amusement services	4,498	929,618	9,730	691,550
Personal services	2,563	159,017	5,497	121,248
Business services	14,723	1,720,667	32,233	1,005,207
Professional services c/	23,582	355,923	41,124	(31,001)
Other services	34,783	1,947,368	71,611	(96,033)
Trade	49,329	$8,406,837	94,530	$5,397,711
Retail trade	25,650	3,651,038	49,482	2,451,043
Wholesale trade	23,679	4,755,799	45,048	2,946,668
Finance, Insurance, and Real Estate	38,331	$11,392,433	74,227	$5,506,129
Banks	549	3,333,050	808	2,873,212
Savings & loan assns & other financials d/	1,097	1,088,952	3,117	(728,225)
Real estate companies	26,008	3,679,073	48,608	1,694,580
Investment and insurance companies	10,677	3,291,358	21,694	1,666,562
Utilities	5,426	$8,350,943	11,320	$7,470,719
Transportation e/	3,665	904,484	6,838	535,347
Communications	198	4,377,552	586	4,114,970
Radio and television industries	113	413,975	338	257,248
Electric and gas utilities	365	2,383,362	1,015	2,368,098
Other public utilities f/	1,085	271,570	2,543	195,056
Total	229,578	$53,916,418	447,701	$34,373,761

a/ Includes bank and corporation franchise tax returns received through December of the succeeding years. Returns for a given income year include those for the calendar year and fiscal years ended therein. Excludes corporation income tax returns. b/ Includes ordinance, tobacco, leather and leather products and other manufacturers not elsewhere classified. c/ Includes doctors, dentists, psychiatrists, physical therapists and lawyers incorporated as professional corporations. d/ Includes building and loan, and savings and loan associations and financial corporations not elsewhere classified. (Insurance companies are not subject to franchise tax.) e/ Includes highway, railroad, car and express, water and airline utilities. f/ Includes water, wharfage, carloading, stevedoring, warehousing, cold storatc and pipeline companics.

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TABLE D-12

CONSUMER PRICE INDEX, SELECTED AREAS, 1950 TO 1990
(1982-84=100) a/

Year	All Urban Consumers					Urban Wage Earners and Clerical Workers				
	United States	California b/	Los Angeles-Anaheim-Riverside	San Francisco-Oakland-San Jose	San Diego	United States	California b/	Los Angeles-Anaheim-Riverside	San Francisco-Oakland-San Jose	San Diego
1950	24.1	22.8	23.7	22.0	n.a.	24.2	22.9	23.7	22.2	n.a.
1951	26.0	24.7	25.7	23.8	n.a.	26.1	24.8	25.7	24.0	n.a.
1952	26.5	25.5	26.5	24.6	n.a.	26.7	25.6	26.5	24.9	n.a.
1953	26.7	25.8	26.7	25.0	n.a.	26.9	25.9	26.7	25.3	n.a.
1954	26.9	25.8	26.7	25.1	n.a.	27.0	25.9	26.7	25.3	n.a.
1955	26.8	25.7	26.7	24.9	n.a.	26.9	25.9	26.7	25.2	n.a.
1956	27.2	26.2	27.1	25.5	n.a.	27.3	26.3	27.1	25.7	n.a.
1957	28.1	27.1	28.0	26.5	n.a.	28.3	27.3	28.0	26.8	n.a.
1958	28.9	28.1	28.9	27.5	n.a.	29.1	28.2	28.9	27.7	n.a.
1959	29.1	28.6	29.4	28.0	n.a.	29.3	28.7	29.4	28.3	n.a.
1960	29.6	29.2	30.0	28.6	n.a.	29.8	29.2	29.9	28.8	n.a.
1961	29.9	29.5	30.3	28.9	n.a.	30.1	29.6	30.3	29.2	n.a.
1962	30.2	29.9	30.7	29.4	n.a.	30.4	30.0	30.7	29.7	n.a.
1963	30.6	30.4	31.1	29.8	n.a.	30.8	30.5	31.1	30.0	n.a.
1964	31.0	31.0	31.7	30.2	n.a.	31.2	31.0	31.7	30.5	n.a.
1965	31.5	31.5	32.4	30.8	28.2	31.7	31.7	32.4	31.1	29.5
1966	32.4	32.2	33.0	31.6	28.7	32.6	32.4	33.0	31.9	30.1
1967	33.4	33.0	33.8	32.5	29.6	33.6	33.2	33.8	32.8	31.0
1968	34.8	34.4	35.2	34.0	30.8	35.0	34.6	35.2	34.3	32.3
1969	36.7	36.1	36.8	35.8	32.4	36.9	36.3	36.8	36.2	34.0
1970	38.8	37.9	38.7	37.7	34.1	39.0	38.2	38.7	38.0	35.8
1971	40.5	39.3	40.1	39.1	35.4	40.7	39.6	40.1	39.4	37.1
1972	41.8	40.6	41.4	40.4	36.8	42.1	40.9	41.4	40.8	38.6
1973	44.4	43.0	43.7	42.8	39.2	44.7	43.3	43.7	43.2	41.1
1974	49.3	47.4	48.2	47.0	43.5	49.6	47.7	48.2	47.4	45.6
1975	53.8	52.3	53.3	51.8	47.6	54.1	52.6	53.3	52.2	49.9
1976	56.9	55.6	56.9	54.6	50.5	57.2	55.9	56.8	55.2	52.9
1977	60.6	59.5	60.8	58.8	53.8	60.9	59.9	60.8	59.4	56.4
1978	65.2	64.4	65.3	64.3	59.2	65.6	64.7	65.1	64.8	61.9
1979	72.6	71.3	72.3	69.8	68.9	73.1	72.1	72.8	70.5	71.4
1980	82.4	82.4	83.7	80.4	79.4	82.9	83.6	84.7	81.2	82.1
1981	90.9	91.4	91.9	90.8	90.1	91.4	92.7	93.1	91.6	92.8
1982	96.5	97.3	97.3	97.6	96.2	96.9	98.5	98.5	98.2	99.4
1983	99.6	98.9	99.1	98.4	99.0	99.8	99.0	99.3	98.2	99.0
1984	103.9	103.8	103.6	104.0	104.8	103.3	102.5	102.2	103.7	101.7
1985	107.6	108.6	108.4	108.4	110.4	106.9	106.7	106.5	107.8	104.5
1986	109.6	112.0	111.9	111.6	113.5	108.6	109.6	109.5	110.7	107.2
1987	113.6	116.6	116.7	115.4	117.5	112.5	113.9	114.0	114.3	111.1
1988	118.3	121.9	122.1	120.5	123.4	117.0	118.9	119.0	119.4	116.5
1989	124.0	128.0	128.3	126.4	130.6	122.6	124.9	124.9	125.5	123.5
1990	130.7	135.0	135.9	132.1	138.4	129.0	131.5	131.9	131.1	130.5

a/ The U.S. Bureau of Labor Statistics rebased all CPI indices from 1967-69 to 1982-84 starting with the release of data for January 1988. Historical data were also converted to the new base to facilitate comparisons over time. While the index numbers are different, the percentage changes should be comparable.

b/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research as a weighted average of the indices for Los Angeles-Anaheim-Riverside, San Francisco-Oakland-San Jose and, from 1965-86, San Diego.

Source: U.S. Department of Labor, Bureau of Labor Statistics.
California Department of Industrial Relations, Division of Labor Statistics and Research

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TABLE D-13

CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS BY EXPENDITURE CATEGORY, SELECTED AREAS, 1990 (1982-84=100)

	United States		California a/		Los Angeles-Anaheim-Riverside		San Francisco-Oakland-San Jose		San Diego	
	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989
All items	130.7	5.4	135.0	5.5	135.9	5.9	132.1	4.5	138.4	6.0
Food and beverages	132.1	5.8	n.a.	n.a.	130.9	5.6	134.7	5.1	134.1	5.3
Food	132.4	5.8	n.a.	n.a.	130.3	5.5	135.7	5.1	132.8	4.4
Food at home	132.3	6.5	n.a.	n.a.	131.5	6.2	136.7	5.3	129.9	5.7
Food away from home	133.4	4.7	n.a.	n.a.	129.1	4.4	135.2	4.7	137.4	1.8
Housing	128.5	4.5	n.a.	n.a.	139.3	5.8	137.3	3.7	139.2	6.0
Shelter	140.0	5.4	n.a.	n.a.	149.2	6.5	146.5	4.1	154.4	6.5
Rent, residential	138.4	4.2	n.a.	n.a.	149.6	4.5	151.0	4.7	150.9	4.4
Other rental costs	154.3	9.7	n.a.	n.a.	151.8	13.9	147.0	0.7	180.2	18.9
Homeowners' cost	144.6	5.3	n.a.	n.a.	158.7	6.9	159.7	4.2	168.3	6.3
Fuel and other utilities	111.6	3.5	n.a.	n.a.	124.5	4.2	125.1	4.3	102.1	1.6
Fuels	104.5	3.6	n.a.	n.a.	126.6	5.0	133.3	6.0	89.0	1.0
Household furnishings and operation	113.3	1.9	n.a.	n.a.	113.7	2.9	117.4	1.2	115.9	6.7
Apparel and upkeep	124.1	4.6	n.a.	n.a.	126.4	6.4	107.5	3.2	131.9	9.2
Transportation	120.5	5.6	n.a.	n.a.	126.5	5.8	114.7	4.7	131.7	5.8
Private	118.8	5.2	n.a.	n.a.	123.2	4.7	113.4	4.3	129.3	6.0
Public	142.6	10.1	n.a.	n.a.	173.1	15.9	132.2	7.3	161.0	3.9
Medical care	162.8	9.0	n.a.	n.a.	163.3	9.0	160.5	8.5	173.3	9.2
Entertainment	132.4	4.7	n.a.	n.a.	125.4	3.7	140.7	5.7	142.4	3.0
Other goods and services	159.0	7.7	n.a.	n.a.	166.3	7.1	161.0	5.8	165.9	4.9
Personal care	130.4	4.3	n.a.	n.a.	141.4	5.4	146.8	7.4	139.2	5.2

a/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research, as the weighted average of the indexes for the Los Angeles-Anaheim-Riverside, and San Francisco-Oakland-San Jose Metropolitan areas.

n.a. Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics.
California Department of Industrial Relations, Divsion of Labor Statistics and Research.

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TABLE D-14

CONSUMER PRICE INDEXES FOR URBAN WAGE EARNERS AND CLERICAL WORKERS BY EXPENDITURE CATEGORY, SELECTED AREAS, 1990
(1982-84=100)

	United States		California a/		Los Angeles-Anaheim-Riverside-		San Francisco-Oakland-San Jose		San Diego	
	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989	1990 Index	% chg. from 1989
All items	129.0	5.2	131.5	5.3	131.9	5.6	131.1	4.5	130.5	5.7
Food and beverages	131.8	5.8	n.a.	n.a.	131.0	5.7	134.7	5.0	134.9	5.6
Food	132.1	5.8	n.a.	n.a.	130.2	5.7	135.7	5.1	133.4	4.5
Food at home	131.9	6.5	n.a.	n.a.	131.1	6.3	136.2	5.3	130.0	5.9
Food away from home	133.3	4.7	n.a.	n.a.	129.1	4.4	135.1	4.7	138.8	1.8
Housing	126.4	4.3	n.a.	n.a.	134.1	5.5	134.6	3.8	122.2	5.5
Shelter	136.6	5.2	n.a.	n.a.	141.6	6.4	141.8	4.2	130.2	6.0
Rent, residential	137.9	4.2	n.a.	n.a.	149.6	4.5	151.0	4.7	150.9	4.4
Other rental costs	154.7	9.3	n.a.	n.a.	150.6	14.0	149.8	0.1	179.0	18.7
Homeowners' costs	131.7	5.3	n.a.	n.a.	141.4	7.0	134.4	4.1	139.3	6.3
Fuel and other utilities	111.2	3.4	n.a.	n.a.	124.2	4.1	124.0	4.4	101.7	1.5
Fuels	103.8	3.2	n.a.	n.a.	127.0	5.0	134.3	6.0	89.1	1.0
Household furnishings and operation	112.5	1.7	n.a.	n.a.	113.6	2.9	117.7	1.3	115.0	6.2
Apparel and upkeep	123.1	4.4	n.a.	n.a.	126.1	6.1	110.6	3.4	131.1	8.6
Transportation	120.1	5.4	n.a.	n.a.	122.2	4.8	116.7	4.4	131.4	5.7
Private	118.9	5.2	n.a.	n.a.	119.8	4.2	115.7	4.1	130.0	5.9
Public	140.4	9.5	n.a.	n.a.	174.5	14.9	134.4	6.5	157.3	3.6
Medical care	162.7	8.8	n.a.	n.a.	161.5	8.6	160.8	7.9	175.7	8.9
Entertainment	131.4	4.5	n.a.	n.a.	124.4	3.7	136.3	4.8	145.2	2.9
Other goods and services	158.9	7.8	n.a.	n.a.	166.1	7.2	164.5	6.4	167.9	5.1
Personal care	130.2	4.3	n.a.	n.a.	143.7	5.5	146.0	7.4	137.7	4.4

a/ Computed by the Department of Industrial Relations, Division of Labor Statistics and Research, as the weighted average of the indexes for the Los Angeles-Anaheim-Riverside, and San Francisco-Oakland-San Jose Metropolitan areas.

n.a. Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics.
California Department of Industrial Relations, Division of Labor Statistics and Research.

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SECTION E

HEALTH AND WELFARE

Compiled under this broad heading are tables relating to vital statistics and other health data, mental hygiene, and social insurance. Major data sources include: Department of Health Services; Department of Mental Health; Department of Rehabilitation; Department of Corrections; Department of Social Services; and Employment Development Department.

TABLE E-1

VITAL STATISTICS, CALIFORNIA, 1980 TO 1989

(By place of residence)

Event	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Live births	402,720	420,418	429,631	435,722	447,394	470,816	481,905	503,376	532,708	569,308
Deaths	186,428	184,732	188,255	188,018	195,470	201,815	202,826	209,395	215,185	215,930
Infant deaths a/	4,451	4,276	4,218	4,226	4,212	4,475	4,298	4,530	4,559	4,853
Neonatal deaths b/	2,886	2,711	2,686	2,711	2,654	2,813	2,703	2,767	2,736	2,951
Fetal deaths c/	3,594	3,481	3,333	3,049	3,110	3,171	3,259	3,504	3,527	3,847
Maternal deaths d/	45	38	43	37	27	36	32	28	55	33

a/ Infant deaths are those under one year.
b/ Neonatal deaths are those under 28 days.
c/ Fetal deaths are those of 20 weeks or more gestation.
d/ Maternal deaths due to complications of pregnancy, childbirth and the puerperium, Ninth Revision International List Numbers 630-676.

TABLE E-2

DEATHS BY SEX AND AGE, CALIFORNIA, 1989

(By place of residence)

Age group	Total	Male	Female
Total	215,930	113,009	102,921
Under 1 year	4,853	2,720	2,133
1-4	923	523	400
5-9	467	254	213
10-14	462	294	168
15-19	1,856	1,408	448
20-24	2,744	2,170	574
25-29	3,631	2,842	789
30-34	4,521	3,460	1,061
35-39	5,092	3,843	1,249
40-44	5,435	3,756	1,679
45-49	5,669	3,634	2,035
50-54	7,262	4,529	2,733
55-59	10,162	6,223	3,939
60-64	15,307	9,171	6,136
65-69	20,975	12,217	8,758
70-74	24,654	13,547	11,107
75-79	28,481	14,687	13,794
80-84	28,090	12,886	15,204
85 and over	45,186	14,733	30,453
Age not stated	160	112	48

Source agency for Tables E-1 through E-3:
Department of Health Services
Health Demographics Section
(916) 657-3057

TABLE E-3

TEN LEADING CAUSES OF DEATH, CALIFORNIA, 1989

(By place of residence)

Cause of death	Ninth Revision International List Number	Number	Rate a/	Percent
All causes	001-999	215,930	743.0	100.0
Diseases of the heart	390-398, 402, 404-429	69,457	239.0	32.2
Malignant neoplasms	140-208	48,110	165.5	22.3
Cerebrovascular disease	430-438	15,725	54.1	7.3
Unintentional injuries	800-949	10,791	37.1	5.0
Pneumonia and influenza	480-487	10,479	36.1	4.9
Chronic obstructive pulmonary disease and allied conditions	490-496	9,759	33.6	4.5
Acquired immune deficiency syndrome	042-044	4,367	15.0	2.0
Chronic liver disease and cirrhosis	571	4,000	13.8	1.9
Suicide	950-959	3,832	13.2	1.8
Diabetes mellitus	250	3,364	11.6	1.6
All other causes	Residual	36,046	124.0	16.7

a/ Rates are per 100,000 estimated population.

TABLE E-4

CASES AND DEATHS, SELECTED NOTIFIABLE DISEASES CALIFORNIA, 1980, AND 1984 TO 1990

	1980		1984	1985	1986	1987	1988	1989	1990
	Cases	Deaths a/	Cases	Cases	Cases	Cases	Cases	Cases	Cases
Aids	n.a.	n.a.	1,025	2,061	3,114	3,958	4,359	4,571	7,668
Amebiasis	1,847	7	2,249	2,135	1,788	1,411	1,277	1,586	1,638
Anthrax	---	---	---	---	---	---	---	---	---
Botulism	36	2	55	45	45	27	10	37	36
Brucellosis	27	---	17	26	19	18	20	22	26
Chickenpox (Varicella-Zoster)	1,598	29 c/	1,029	1,900	1,632	1,645	253	599	904
Coccidioidomycosis	631	31	414	432	435	476	434	463	441
Colorado Tick Fever	6	---	---	4	1	3	2	---	---
Conjunctivitis of the Newborn	15	---	6	23	9	6	40	72	25
Diarrhea of the Newborn	21	---	1	14	1	18	1	---	---
Diphtheria	---	---	1	---	---	---	---	1	---
Encephalitis, Viral	181	71	173	174	150	134	116	116	125
Food & Waterborne Illness	1,703	3	556	636	1,130	2,149	119	170	33
German Measles (Rubella)	929	---	197	146	250	140	85	160	542
Hepatitis, Viral	12,819	192	14,513	16,530	15,408	13,186	10,506	12,207	10,594
A (Infectious)	6,202	44	7,005	7,442	7,916	7,230	6,043	7,084	6,408
B (Serum)	3,866	69	5,221	5,969	5,061	4,372	3,351	2,875	2,940
Non-A, Non-B b/	n.a.	n.a.	1,019	1,097	958	687	543	469	623
Unspecified and D	2,751	79	1,268	2,022	1,473	897	569	641	623
Leprosy	91	---	91	155	117	110	73	70	79
Leptospirosis	5	---	1	1	1	1	2	---	3
Malaria	741	---	362	339	420	325	331	380	328
Measles	1,051	1	326	265	486	813	818	3,061	12,586
Meningitis, Viral	1,162	14	1,139	1,058	1,301	1,492	1,114	1,356	1,525
Meningococcal Infections	255	31	247	298	359	633	585	654	426
Mumps	485	---	426	429	354	397	494	541	571
Pertussis	147	1	163	242	299	217	290	336	467
Plague	3	1	6	---	---	---	2	---	---
Poliomyelitis	2	13 d/	1	2	1	1	---	---	---
Psittacosis	24	---	20	14	17	9	15	6	8
Q Fever	13	---	4	7	5	6	10	17	2
Rabies, Human	---	---	1	---	---	1	---	---	---
Relapsing Fever	11	---	11	6	4	11	11	12	10
Rheumatic Fever	15	9 e/	6	10	14	---	---	19	25
Rocky Mt. Spotted Fever	4	---	2	3	1	3	2	2	1
Salmonellosis	2,951	13	3,903	4,646	5,578	5,915	5,621	5,224	5,620
Shigellosis	4,856	5	5,113	4,266	4,789	4,261	7,892	5,468	5,703
Streptococcal Infections f/	25,500	15	24,952	41,608	36,337	36,434	34,152	11,043	6
Tetanus	14	5	7	5	3	6	3	10	7
Trichinosis	6	---	---	8	---	7	5	4	1
Tuberculosis	4,273	230	3,306	3,505	3,507	3,607	3,285	3,726	4,891
Tularemia	11	---	8	4	3	2	4	2	---
Typhoid Fever	124	1	108	136	143	111	142	140	149
Typhus Fever	2	---	7	7	6	8	10	2	3
Venereal Diseases	148,207	18	123,269	123,895	123,195	113,272	84,408	88,901	54,827
Chancroid	26	---	128	23	40	214	66	133	117
Gonorrhea	135,885	---	108,057	112,922	111,102	93,886	64,674	74,066	54,682
Granuloma Inguinale	9	---	3	3	1	1	---	3	5
Lymphogranuloma venereum	17	---	37	19	18	9	14	35	23
Syphilis, Total	12,270	18	11,204	10,928	12,034	19,162	19,654	14,664	13,327
Primary and Secondary	4,696	---	3,840	4,286	5,240	7,383	5,717	4,574	3,651

a/ Deaths shown above may not agree with deaths shown in vital statistics tables because some diseases are not listed separately in the International List of Causes of Death on which the vital statistics tables are based, or because the definitions of some diseases used in the International List differ from the definitions used for morbidity purposes.

b/ Non-A, Non-B is a new category added in 1982 by the Center for Disease Control, Atlanta, Georgia.

c/ Chickenpox deaths 3; Herpes zoster deaths in the elderly or otherwise seriously ill people 26.

d/ All deaths due to the late effects of polio.

e/ Seven due to late effects of rheumatic fever, 2 due to acute rheumatic fever for 1980.

f/ Respiratory infections not included after 1988. After May 1989, cases reported only in foodhandlers, dairy workers and outbreaks.

Note: German Measles (Rubella) includes cases of Congenital Rubella Syndrome.

Department of Health Services
Preventive Medical Services Division, (916) 327-7024

TABLE E-5

NUMBER AND BED CAPACITY OF STATE LICENSED FACILITIES AS OF JUNE 1991

Facility type	Number	Bed capacity
Total	3,724	229,944
General acute care hospital	496	83,849
Acute psychiatric hospital	86	13,513
Chemical dependency hospital	12	1,332
Skilled nursing facility	1,186	125,389
Intermediate care facility	25	1,714
Intermediate care facility:		
developmentally disabled	21	1,565
developmentally disabled habilitative	347	2,381
developmentally disabled nursing	35	201
Home health agency	521	0
Adult day health care	61	0
Rehabilitation clinic	27	0
Community clinic	438	0
Psychology clinic	22	0
Surgical clinic	132	0
Chronic dialysis clinic	185	0
Free clinic	87	0
Hospice	43	0
Referral agency	0	0

Source: Department of Health Services, Automated Certification and Licensing Administrative Information Management System (ACLAIMS)

Department of Health Services
Licensing and Certification Division
(916) 445-2070

TABLE E-6

ADMISSIONS, INPATIENT POPULATION, DEATHS AND DIRECT DISCHARGES, CALIFORNIA STATE HOSPITALS FOR THE MENTALLY DISABLED, 1990-91

State hospitals	Admissions	Inpatient population June 30, 1991	In-patient deaths	Dis-charges
Total	4,027	4,937	62	3,708
Atascadero	822	1,069	2	689
Camarillo	327	584	11	349
Metropolitan	1,745	791	4	1,701
Napa	550	1,227	45	565
Patton	583	1,266	--	404

Department of Mental Health
Statistics and Data Analysis Section
(916) 654-3582

TABLE E-7

INPATIENT POPULATION AND ADMISSIONS, CALIFORNIA STATE HOSPITALS FOR THE MENTALLY DISABLED, 1989-90 AND 1990-91

County	Inpatient population June 30, 1990	Inpatient population June 30, 1991	Admissions 1989-90	Admissions 1990-91
Total	4,913	4,937	4,853	4,027
Alameda	232	240	86	78
Alpine	1	1	--	--
Amador	1	2	--	1
Butte	18	20	15	17
Calaveras	6	7	4	5
Colusa	1	2	--	1
Contra Costa	140	140	38	46
Del Norte	3	5	2	3
El Dorado	10	10	7	8
Fresno	83	70	64	40
Glenn	7	7	6	7
Humboldt	16	20	13	17
Imperial	22	19	9	10
Inyo	8	7	2	3
Kern	84	94	50	68
Kings	20	15	14	8
Lake	13	12	87	18
Lassen	1	4	1	4
Los Angeles	1,690	1,791	2,781	2,283
Madera	24	13	19	7
Marin	53	46	24	23
Mariposa	2	1	2	2
Mendocino	23	28	16	19
Merced	33	27	26	20
Modoc	3	2	1	--
Mono	4	3	3	--
Monterey	39	31	19	13
Napa	83	73	125	84
Nevada	11	12	4	7
Orange	220	211	152	131
Placer	24	27	10	12
Plumas	2	2	1	3
Riverside	114	115	68	64
Sacramento	168	165	85	88
San Benito	5	4	2	3
San Bernardino	168	175	123	121
San Diego	296	264	134	112
San Francisco	346	360	146	138
San Joaquin	51	49	26	27
San Luis Obispo	60	71	42	37
San Mateo	101	102	41	24
Santa Barbara	44	40	31	16
Santa Clara	170	165	59	64
Santa Cruz	31	30	21	13
Shasta	28	21	23	15
Sierra	2	1	1	1
Siskiyou	8	6	10	7
Solano	131	127	265	181
Sonoma	84	82	56	41
Stanislaus	49	49	30	37
Sutter/Yuba	20	22	13	17
Tehama	11	9	7	7
Trinity	1	3	2	2
Tulare	30	34	14	17
Tuolumne	9	11	1	5
Ventura	82	71	55	43
Yolo	26	18	16	9
Other (out-of-state)	1	1	1	--

Department of Mental Health
Statistics and Data Analysis Section, (916) 654-3582

TABLE E-8

UNDUPLICATED CLIENTS SERVED AND NUMBER OF ADMISSIONS TO LOCAL MENTAL HEALTH PROGRAMS, 1989-90

County	Unduplicated clients	Admissions		
		24-Hour Services	Day Services	Outpatient Services
Total	316,034	56,249	18,031	281,234
Alameda	15,518	1,572	797	15,873
Alpine	106	0	0	37
Amador	256	0	0	139
Butte	1,824	1,054	137	516
Calaveras	536	0	10	396
Colusa	466	29	8	331
Contra Costa	7,167	1,138	426	7,937
Del Norte	637	0	33	476
El Dorado	1,635	399	38	1,104
Fresno	6,610	415	436	4,602
Glenn	298	0	0	165
Humboldt	2,344	870	84	1,342
Imperial	1,955	52	104	1,385
Inyo	407	8	9	191
Kern	8,460	926	348	5,893
Kings	2,228	118	68	1,137
Lake	796	9	4	681
Lassen	594	100	62	503
Los Angeles	74,661	11,137	3,772	74,127
Madera	1,612	71	91	1,055
Marin	2,189	783	641	2,548
Mariposa	360	15	0	231
Mendocino	1,267	409	45	737
Merced	3,626	371	141	3,630
Modoc	305	2	0	200
Mono	112	0	0	50
Monterey	3,064	586	266	2,727
Napa	1,119	268	104	746
Nevada	1,004	140	34	533
Orange	12,122	1,632	184	7,642
Placer	1,292	326	57	658
Plumas	419	45	36	261
Riverside	11,848	3,051	1,572	13,849
Sacramento	11,868	3,358	361	9,914
San Benito	143	0	0	78
San Bernardino	15,816	3,765	404	16,073
San Diego	19,512	3,871	1,006	17,482
San Francisco	18,435	1,423	1,028	15,248
San Joaquin	10,912	2,262	789	8,646
San Luis Obispo	2,502	812	104	1,687
San Mateo	7,129	1,444	547	5,781
Santa Barbara	2,981	711	145	1,600
Santa Clara	19,894	5,381	2,122	20,705
Santa Cruz	2,992	322	267	2,633
Shasta	3,261	920	82	2,443
Sierra	40	2	0	27
Siskiyou	949	125	6	694
Solano	3,761	147	111	2,372
Sonoma	4,614	1,423	71	5,214
Stanislaus	5,279	1,027	130	6,118
Sutter/Yuba	1,968	715	362	737
Tehama	898	601	17	260
Trinity	269	30	10	134
Tulare	5,514	667	239	3,465
Tuolumne	986	0	47	740
Ventura	5,048	1,252	579	4,283
Yolo	2,004	465	73	1,749
Berkeley City	1,445	0	0	781
Tri-City	977	0	24	668

Department of Mental Health
Statistics and Data Analysis Section, (916) 654-3582

TABLE E-9

SELECTED CHARACTERISTICS OF REHABILITATED CLIENTS, 1989-90

Characteristics	1989-90
Total rehabilitated clients	22,377
Median age (years)	32.0
Sex	
Male	14,114
Female	8,263
Race	
White	13,513
Hispanic	3,919
Black	3,853
Other	1,092
Median education (years in school)	12.0
Primary disability	
Sensory impairments	2,874
Physical impairments	7,722
Mental impairments	11,543
Acute traumatic brain injury	238
Marital status	
Married	4,972
Previously married	6,108
Never married	11,297
Source of referral	
Individuals and physicians	7,903
Health organizations	6,016
Governmental agencies	4,936
Educational institutions	2,760
Other referral sources	762
Social Security disability insurance	1,870
Supplemental Security Income	3,411
Source of support at referral	
Family and friends	8,923
Earnings, interest and dividends	2,281
Public assistance or institutions	5,891
Public and private insurance	5,282
Work status at referral	
Client with paid employment	2,962
Homemaker and family worker	263
Not working	19,152
Public assistance	
Receiving PA at referral	5,550
Occupation at closure	
Professional, technical and managerial	3,143
Clerical, sales and service	10,813
Industrial occupations	5,057
Homemaker and family worker	1,282
Other occupations	2,082
Number of severely disabled	12,596

Department of Rehabilitation
Statistics Section
(916) 445-9692

TABLE E-10

NUMBER OF CLIENTS REHABILITATED BY MAJOR DISABLING CONDITIONS, 1989-90

Disabling conditions	Number	Percent
Total, rehabilitated clients	22,377	100
Sensory impairments	2,874	13
Visual impairments	1,485	7
Legally blind	1,115	5
Other visual impairments	370	2
Hearing impairments	1,389	6
Deaf	701	3
Other hearing impairments	688	3
Physical disabilities	7,722	35
Orthopedic	4,171	19
Absence or amputation of limbs	176	1
Cardiac-circulatory conditions	286	1
Epilepsy	232	1
Specific developmental disorder	1,903	9
Tuberculosis	12	a/
Digestive system disorders	89	a/
Diabetes	149	1
Genito-urinary disorders	69	a/
Speech impairments	72	a/
Other physical conditions	563	3
Mental Disorders	11,543	52
Mental retardation	2,183	10
Mental illness	9,360	42
Alcoholism	3,430	15
Character and personality disorders	785	4
Psychoses and neuroses	2,229	10
Drug addiction	2,916	13
Acute traumatic brain injury	238	1

a/ Less than .5 percent.

Department of Rehabilitation
Statistics Section, (916) 445-9692

TABLE E-11

MOVEMENT OF CIVIL NARCOTIC ADDICT POPULATION IN OUTPATIENT STATUS FROM CALIFORNIA REHABILITATION CENTER PROGRAM a/

Movement	1990 Men	1990 Women
On outpatient status, January 1	1,546	531
Received on outpatient status	2,884	895
From institution	2,720	846
Reinstated after suspension	164	49
Other	0	0
Removed from outpatient status	2,302	736
Returned to institution	1,463	447
Suspended	311	89
Discharged b/	463	150
Died	10	3
Other	55	47
On outpatient status, December 31	2,128	690
Net change during year	582	159

a/ Civilly committed under Welfare and Institutions Code Section 3000, et.seq.
b/ Includes persons returned to Corrections with new felony commitment.

Department of Corrections
Offender Information Services
(916) 324-8810

TABLE E-12

ESTIMATED ANNUAL BENEFITS AND COSTS FOR REHABILITATED CLIENTS BY DISABILITY GROUPS, FISCAL YEAR 1989-90

Item	All disabilities	Visual impairment	Hearing impairment	Physical disabilities	Alcoholism	Drug addiction	Character and personality disorders	Mental retardation	Psychoses and neuroses	Acute traumatic brain injury
	Disability group									
Total annual economic benefits ($1,000)	$67,603	$2,268	$3,412	$23,737	$13,068	$10,184	$2,365	$4,045	$7,696	$828
Number of rehabilitations	22,377	1,485	1,389	7,722	3,430	2,916	785	2,183	2,229	238
Total costs ($1,000)	$153,458	$10,043	$10,329	$56,478	$14,114	$11,304	$4,091	$28,833	$16,239	$2,028
Average cost per rehabilitation	$6,858	$6,763	$7,436	$7,314	$4,115	$3,877	$5,211	$13,208	$7,285	$8,520
Average benefit per rehabilitation	$3,021	$1,527	$2,456	$3,074	$3,810	$3,492	$3,012	$1,852	$3,452	$3,478
Percent benefits to costs (annual) a/	44%	23%	33%	42%	93%	90%	58%	14%	47%	41%

a/ Total annual benefits as a percentage of fiscal year costs.

Department of Rehabilitation
Statistics Section
(916) 445-9692

TABLE E-13

SUMMARY OF ECONOMIC AND DEMOGRAPHIC CHARACTERISTICS OF REHABILITATED CLIENTS BY DISABILITY GROUPS, FISCAL YEAR 1989-90

Economic and demographic characteristics	All disabilities	Disability group: Visual impairment	Hearing impairment	Physical disabilities	Alcoholism	Drug addiction	Character and personality disorders	Mental retardation	Psychoses and neuroses	Acute traumatic brain injury
Total, all clients b/	133,900	6,654	6,928	55,537	16,296	14,833	4,601	11,415	16,379	2,245
Total open caseload end of year b	72,109	4,008	4,076	31,829	7,794	6,647	2,057	7,000	8,574	1,343
Total closures b/	61,791	2,646	2,852	23,708	8,502	8,186	2,544	4,415	7,805	902
Total rehabilitated clients	22,377	1,485	1,389	7,722	3,430	2,916	785	2,183	2,229	238
Source of referral (rehabilitated)										
Individuals and physicians	35%	56%	61%	46%	20%	21%	21%	14%	37%	37%
Health organizations	27%	18%	5%	7%	63%	30%	11%	47%	41%	36%
Welfare agencies	1%	1%	1%	2%	0%	0%	1%	0%	1%	0%
Educational institutions	12%	6%	14%	22%	1%	1%	7%	24%	5%	15%
Correctional institutions	8%	1%	0%	1%	6%	39%	51%	0%	3%	0%
Other public organizations	12%	13%	12%	19%	4%	5%	8%	13%	11%	10%
Private organizations	3%	6%	7%	2%	6%	4%	2%	1%	2%	2%
Weekly earnings at referral										
Average earnings all rehabs	$25.00	$28.00	$76.00	$27.00	$16.00	$15.00	$22.00	$23.00	$18.00	$17.00
Clients with earnings	3,182	160	452	980	320	218	94	700	230	17
Weekly earnings at closure										
Average earnings all rehabs	$247.00	$112.00	$263.00	$266.00	$294.00	$279.00	$259.00	$131.00	$256.00	$254.00
Clients with earnings	21,143	554	1,357	7,555	3,428	2,914	779	2,164	2,166	226
Work status at closure										
Clients with paid employment	94%	37%	98%	98%	100%	100%	99%	99%	97%	95%
Homemakers and family worker	6%	63%	2%	2%	a/	a/	1%	1%	3%	5%
Average case service costs	$1,075.00	$1,572.00	$1,618.00	$1,001.00	$586.00	$484.00	$673.00	$2,553.00	$903.00	$876.00
Average months as a client	15.6	19.2	18.6	19.3	11.5	9.0	12.8	14.0	16.7	14.7
Average number of services	2.2	2.3	2.4	2.2	2.2	2.1	2.2	1.8	2.3	2.0
Number of services provided	48,793	3,356	3,366	17,162	7,442	6,089	1,761	3,976	5,168	473
Percentage of all services										
Diagnostic and evaluation	38%	36%	38%	39%	34%	38%	40%	45%	37%	41%
Restoration	5%	10%	23%	4%	5%	3%	3%	1%	4%	3%
Training	17%	28%	14%	20%	13%	9%	13%	8%	20%	17%
Maintenance	5%	3%	2%	5%	7%	6%	6%	1%	4%	3%
Other services	35%	23%	23%	32%	41%	44%	39%	45%	35%	36%

a/ Less than 0.5 percent.
b/ Includes clients who did not meet the criteria of having a disability. Therefore, the groups may not add to the total.

Department of Rehabilitation
Statistics Section, (916) 445-9692

TABLE E-14

CHILDREN PLACED FOR ADOPTION IN CALIFORNIA FISCAL YEARS 1982-83 TO 1989-90

Adoption programs	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
Relinquishment	2,157	2,173	2,342	2,489	2,679	2,642	3,113	3,395
Public	1,708	1,776	1,848	2,042	2,285	2,174	2,533	2,875
Private	449	397	494	447	394	468	580	520
Independent	2,101	2,308	2,033	2,220	2,396	2,537	2,434	2,668
Intercountry	351	141 a/	417	425	505	515	381	362

a/ Data not available for July '83 thru December '83.

TABLE E-15

AID TO FAMILIES WITH DEPENDENT CHILDREN CALIFORNIA, FISCAL YEARS 1986-87 TO 1989-90 a/

	1986-87	1987-88	1988-89	1989-90
Average monthly number of recipients				
Families	581,253	585,243	598,780	636,255
Children	1,133,995	1,147,967	1,173,187	1,259,330
Total assistance ($1,000)	$3,720,824	$3,872,247	$4,202,237	$4,686,053

a/ Includes AFDC Family Group component and the unemployed components.

TABLE E-16

AID TO FAMILIES WITH DEPENDENT CHILDREN, FOSTER CARE, CALIFORNIA, FISCAL YEARS 1986-87 TO 1989-90

	1986-87	1987-88	1988-89	1989-90
Average monthly number of participant	39,572	44,021	50,174	56,658
Total assistance ($1,000)	$385,151	$462,934	$536,843	$633,374
Average cost per recipient	$811.08	$876.34	$891.63	$931.57

TABLE E-17

SELECTED DATA ON SUPPLEMENTAL SECURITY INCOME/STATE SUPPLEMENTAL PROGRAM (SSI/SSP), FEBRUARY 1986 TO 1991

February	Aged	Blind	Disabled
Caseload (recipients)			
1986	267,376	19,445	395,435
1987	273,855	20,228	417,105
1988	283,422	20,592	442,397
1989	292,600	20,746	460,989
1990	307,985	21,139	489,452
1991	319,394	21,562	524,043
Average payment			
1986	$270.38	$393.93	$370.45
1987	304.61	430.47	410.78
1988	304.81	433.94	414.38
1989	326.05	461.34	438.97
1990	340.80	476.11	457.62
1991	350.98	491.03	478.91

Source agency for Tables E-14 through E-17:
Department of Social Services
Statistical Services Bureau, (916) 322-2230

TABLE E-18

GENERAL RELIEF: AVERAGE RECIPIENTS AND EXPENDITURES, CALIFORNIA, FISCAL YEARS 1980-81 TO 1989-90

	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90
General Relief a/ d/										
Average monthly number of recipients										
Total persons	29,282	34,281	68,766	61,674	63,510	69,638	78,318	80,455	89,796	98,712
Family cases	2,303	2,308	5,706	4,910	4,543	4,935	5,172	5,124	5,634	7,076
One-person cases	26,979	31,973	63,059	56,764	58,967	64,704	73,146	75,332	84,162	91,636
Aid payments										
Total, net ($1,000)	$59,711	$70,800	$145,908	$121,559	$143,572	$169,282	$202,882	$222,824	$273,048	$303,182
Average monthly grant										
Family cases	$270.41	$283.36	$309.40	$321.31	$323.30	$345.35	$415.95	$375.17	$399.52	$437.25
One-person cases	$169.10	$175.32	$180.64	$185.90	$212.39	$224.34	$244.45	$261.48	$281.83	$291.19
Total general relief payments ($1,000) b/	$86,327	$105,206	$137,271	$134,921	$157,969	$183,153	$225,535	$246,398	$296,495	$336,057 c/

a/ County nonmedical assistance to recipients in their homes.
b/ Includes General Relief and other programs administered by County Welfare Departments which are financed from county indigent funds. Generally excludes costs of county hospitals.
c/ Excludes reimbursements of $32,875,466.
d/ Prior to 1982-83, data did not include "other general relief" items such as SSI/SSP interim assistance, miscellaneous general relief, etc. Beginning with 1982-83, the General Relief category includes all general relief components.

Department of Social Services
Statistical Services Bureau
(916) 322-2230

TABLE E-19

FOOD STAMP PROGRAM: SELECTED DATA, 1970-71 TO 1989-90
(Dollar amounts in 000s)

Fiscal year	Average per month: Total households: Public assistance	Average per month: Total households: Non-assistance	Average per month: Total participants: Public assistance	Average per month: Total participants: Non-assistance	Total bonus value a/	Total purchase requirement	Total value of food coupons
1970-71	279,714	77,316	907,288	239,022	$178,100	$167,794	$345,894
1971-72	357,819	96,325	1,101,409	303,190	212,698	219,243	431,941
1972-73	350,728	88,537	1,040,031	277,111	208,496	217,667	426,163
1973-74	300,072	108,912	945,885	322,937	252,901	216,304	469,205
1974-75	302,366	157,742	978,736	471,042	361,093	255,044	616,137
1975-76	318,154	170,296	981,030	494,986	392,834	303,487	696,321
1976-77	311,445	154,021	940,248	432,912	343,942	315,370	659,313
1977-78	287,726	152,538	882,666	389,276	324,583	306,432	631,015
1978-79	409,026	165,891	1,031,569	388,182	412,601	145,388	557,989
1979-80	311,028	206,090	966,266	467,066	511,137	---	511,137
1980-81	348,196	240,415	1,070,601	523,100	587,440	---	587,440
1981-82	357,418	238,564	1,105,900	531,934	588,910	---	588,910
1982-83	373,768	247,716	1,185,594	581,276	710,380	---	710,380
1983-84	376,912	214,957	1,207,710	508,921	683,950	---	683,950
1984-85	363,553	187,723	1,179,057	439,463	640,225	---	640,225
1985-86	363,409	190,430	1,176,971	435,357	626,173	---	626,173
1986-87	370,657	195,062	1,194,005	445,395	614,490	---	614,490
1987-88	376,083	187,548	1,214,087	427,642	658,689	---	658,689
1988-89	409,467	203,334	1,305,448	445,040	731,659	---	731,659
1989-90	450,147	216,219	1,422,737	451,512	900,870	---	900,870

a/ Free coupons (100 percent federally funded).

Source agency for Tables E-18 and E-19:
Department of Social Services, Statistical Services Bureau, (916) 322-2230

TABLE E-20

SELECTED DATA ON MEDI-CAL PROGRAM, 1990

Programs	Average monthly number of eligibles	Total payments ($000)	Average monthly cost per eligible
All programs, total a/	3,517,762	$6,572,098	$155.69
Aged	414,666	1,489,144	299.27
Blind	23,834	78,763	275.39
Disabled	534,876	2,313,699	360.47
Families	2,172,125	1,837,707	70.50
Medically indigent children	146,434	194,773	110.84
Medically indigent adults	7,698	51,011	552.21
Dialysis	57	260	380.12
Total parenteral nutrition	9	316	2,925.93
IRCA aliens	29,522	83,024	234.36
OBRA aliens	129,997	391,422	250.92
Refugee/entrant	10,287	14,159	114.70
133 percent poverty	5,970	789	11.01
185 percent poverty	35,586	104,268	244.17
200 percent poverty	2,122	5,521	216.82
60-day postpartum	3,428	1,765	42.91
Qualified medicare beneficiary	1,151	104	7.53
Not reported	--	5,372	--
Public assistance, total	2,790,827	3,742,236	111.74
Aged	329,315	511,110	129.34
Blind	23,412	72,589	258.38
Disabled	502,290	1,698,303	281.76
Families	1,935,810	1,460,234	62.86
Medically needy, total	354,674	1,977,077	464.53
Aged	85,350	978,033	954.92
Blind	423	6,174	1,216.31
Disabled	32,585	615,396	1,573.82
Families	236,315	377,473	133.11
Medically indigent, total	154,133	245,784	132.89
Medically indigent children	146,434	51,011	29.03
Medically indigent adults	7,698	194,773	2,108.48
Dialysis	57	260	380.12
Total parenteral nutrition	9	316	2,925.93
IRCA aliens	29,522	83,024	234.36
OBRA aliens	129,997	391,422	250.92
Refugee/entrant	10,287	14,159	114.70
133 percent poverty	5,970	789	11.01
185 percent poverty	35,586	104,268	244.17
200 percent poverty	2,122	5,521	216.82
60-day postpartum	3,428	1,765	42.91
Qualified medicare beneficiary	1,151	104	7.53
Not reported	--	5,372	--

a/ Includes regular fee-for-service, Health Plan of San Mateo, Santa Barbara Health Initiative and Delta Dental Service.

Note: Excludes Prepaid Health Plans.
Figures are rounded independently and may not add to total.
IRCA: Immigration Reform and Control Act
OBRA: Omnibus Budget Reconciliation Act

Source: Medi-Cal Services and Expenditures Report, January-December 1990 and Medi-Cal Certified CID Eligibles, Calendar Year 1990.

Department of Health Services
Fiscal Forecasting and Data Management Branch
(916) 657-3066

TABLE E-21

DISABILITY INSURANCE FISCAL TRANSACTIONS AND ACTIVITIES, CALIFORNIA, 1989 AND 1990

Item	1989	1990
Net taxable wages of workers in covered employment (in billions)		
Total	$181.6 r/	$197.9 e/
Taxable for State Fund	170.3 r/	185.3 e/
Voluntary plans	11.3 r/	12.5 e/
Disability Fund ($1,000)		
Receipts a/	1,600,523	1,763,168
Disbursements		
Miscellaneous	(194)	(15)
Benefit payments b/	1,537,243	1,852,378
Administrative costs	74,335	91,287
Fund balance	709,980	529,497
Activity (in thousands)		
State plan		
New claims with qualifying wage credit	783	837
Basic benefits		
Number of weeks compensated	9,411	10,518
Amount of benefit payments (gross)	1,592,090	1,924,641
Voluntary plan first claims received	43 r/	43

a/ For 1989 and 1990 the contribution rate was 0.9 percent. The taxable wage ceiling of $21,900 in 1989 was raised to $25,149 in 1990.
b/ In 1989 the weekly benefit schedule range was $50 to $224. In 1990 the range was increased to $50-$266 and the method of calculating benefits was changed, resulting in higher benefits for most claimants.
r/ Revised e/ Estimated

Employment Development Department
Planning Office, Program Estimates Group
(916) 324-4077

TABLE E-22

FEDERAL UNEMPLOYMENT COMPENSATION CALIFORNIA, 1990

Category	1990
Federal-Civilian	
Weeks of compensated unemployment	
Total	329,699
Federal-civilian employee and ex-serviceperson benefits a/	213,569
Supplementing UI benefits b/	116,130
Total amount of benefit payment	$38,588,707
Ex-serviceperson	
Weeks of compensated unemployment	
Total	79,521
Ex-serviceperson benefits alone	65,943
Supplementing UI benefits c/	13,578
Total amount of benefit payment	$10,568,432

a/ Includes weeks of UCFE and UCFE-UCX benefits.
b/ Includes weeks of UI-UCFE and UI-UCFE-UCX benefits.
c/ Includes weeks of UI-UCX benefits.
UI: Unemployment Insurance.
UCFE: Unemployment Compensation for Federal Employees
UCX: Unemployment Compensation for Ex-Servicepersons.

Employment Development Department
Unemployment Insurance Division
Benefits Information Unit
(916) 654-9906

TABLE E-23

UNEMPLOYMENT INSURANCE ACTIVITIES CALIFORNIA AND SELECTED LABOR MARKET AREAS, 1990

	California	San Francisco	Oakland	Los Angeles-Long Beach	Anaheim Santa Ana
Claims filed to open a period of claimant status (000)	3,105	119	165	766	144
Weeks of unemployment certified (000)	19,765	751	1,051	4,914	992
Weeks of unemployment compensated (000)	17,863	654	919	4,232	841
Gross benefit payments ($1,000) a/	$2,280,613	$91,503	$129,858	$570,858	$122,645
Weekly average number with compensated unemployment (000)	311	12	16	72	16
Average weekly benefits paid per claimant	$127.67	$139.87	$140.42	$134.88	$145.75

a/ Reflects actual payments processed by field offices without regard to subsequent payment corrections and other fund balance adjustments.

Employment Development Department
Unemployment Insurance Division, Benefit Information Unit
(916) 654-9906

TABLE E-24

REPORTING UNITS, EMPLOYEES, AND WAGES COVERED UNDER THE UNEMPLOYMENT INSURANCE PROVISIONS OF THE CALIFORNIA UNEMPLOYMENT INSURANCE CODE AND UNEMPLOYMENT INSURANCE FISCAL TRANSACTIONS, CALIFORNIA, 1970 TO 1990

	Number covered under the unemployment insurance provisions of the California Unemployment Insurance Code d/		Annual wages paid in unemployment insurance covered employment (In millions)		Unemployment Insurance Fund e/		
Year	Reporting units (quarterly average) a/	Employees (monthly average)	Total	Taxable	Receipts ($1,000)	Disbursements ($1,000)	Year end fund balance ($1,000)
1970	333,599	5,240,190	$42,213	$21,264	$574,895	$661,011	$1,226,643
1971	334,229	5,189,637	43,445	20,832	507,940	829,445	904,740
1972	346,416	5,913,892	52,157	23,805	697,269	626,493	975,085
1973	374,869	6,383,331	58,683	25,586	839,531	593,200	1,221,014
1974	372,380	6,588,356	64,556	26,713	809,162	876,513	1,153,218
1975	372,488	6,564,524	69,151	26,292	847,659	1,451,281	548,806
1976	411,667	7,130,103	78,762	40,717	1,381,674	1,290,761	639,190
1977	425,225	7,543,268	89,195	44,379	1,616,147	1,165,469	1,089,718
1978	467,480	9,036,931	114,904	45,265	1,698,723	1,030,056	1,757,766
1979	489,121	9,448,087	132,452	49,548	1,872,241	894,688	2,734,860
1980	514,659	10,083,911	155,334	51,573	1,729,021	1,398,690	3,020,124
1981	535,553	10,256,167	172,283	53,703	1,777,958	1,545,328	3,251,969
1982	534,327	10,131,806	182,497	52,290	1,850,735	2,485,608	2,617,097
1983	546,652	10,312,305	195,978	60,505	1,938,146	2,435,736	2,119,082
1984	572,346	10,900,212	217,123	65,625	2,402,042	1,738,260	2,782,658
1985	594,247	11,378,074	236,667	68,886	2,643,862	1,965,501	3,460,876
1986	608,661	11,644,237	255,468	70,903	2,150,749	2,132,633	3,478,885
1987	711,099 b/	12,094,751	279,621	75,342	2,368,657	1,843,898	4,003,583
1988	734,594	12,556,920	302,981	79,547	2,349,344	1,685,750	4,666,984
1989	730,688 c/	13,005,986	324,186	82,950	2,410,096	1,705,428	5,371,484
1990	732,786	13,328,057	346,921	84,359	2,310,731	2,230,669	5,451,061

a/ Employers with substantial employment in multiple counties or industrial classifications are counted as a reporting unit in each county or industrial classification. An employer with only one business location and activity is counted as one reporting unit.

b/ As of the first quarter of 1987, approximately 80,000 active employers but with zero employment and wages, and not reported as out-of-business, were included as counted reporting units.

c/ A drop occurred in average reporting units for 1989. This is due to a purge of the employers reporting zero employment and no payroll for four consecutive quarters.

d/ Employment Development Department
Labor Market Information Division
Employment and Payroll Group
(916) 427-4904

e/ Employment Development Department
Fiscal Programs Division
(916) 323-1067

SECTION F

EDUCATION

This section summarizes data relating to libraries, and to public and private education in California, both at the elementary and high school levels (kindergarten through grade 12) and at the collegiate levels (community colleges and universities or State colleges). The California State Department of Education has responsibility for accumulating and reporting data on public and private school activities for kindergarten through grade 12. The State Department of Finance and California Postsecondary Education Commission have responsibility for higher education statistics.

The source of library statistics is the California State Library.

TABLE F-1

ENROLLMENTS IN COLLEGES AND UNIVERSITIES, 1970 TO 1990

Fall	Total		Public community colleges a/		California State University		University of California b/	
	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment
1970	1,177,188	552,926	826,596	282,857	241,559	166,876	109,033	103,193
1971	1,243,467	570,279	873,353	295,620	262,081	172,136	108,033	102,523
1972	1,309,270	561,004	921,955	284,919	276,737	176,933	110,578	99,152
1973	1,414,794	597,222	1,009,307	306,066	286,633	179,043	118,854	112,113
1974	1,550,617	617,695	1,136,478	324,287	291,542	178,006	122,597	115,402
1975	1,724,201	679,555	1,284,824	371,504	310,891	186,560	128,486	121,491
1976	1,688,060	630,827	1,255,678	328,104	303,734	183,077	128,648	119,646
1977	1,760,624	620,722	1,321,739	316,206	312,380	186,404	126,505	118,112
1978	1,593,875	587,262	1,159,819	285,130	306,175	182,817	127,881	119,315
1979	1,686,732	588,832	1,248,459	282,765	306,801	184,986	131,472	121,081
1980	1,833,739	613,629	1,384,068	296,188	313,850	191,286	135,821	126,155
1981	1,888,925	629,602	1,430,634	307,752	319,565	193,237	138,726	128,613
1982	1,806,712	634,056	1,351,760	308,818	315,814	195,571	139,138	129,667
1983	1,702,860	620,836	1,247,671	290,123	313,900	199,800	141,289	130,913
1984	1,612,633	599,657	1,152,039	265,806	316,005	200,089	144,589	133,762
1985	1,646,142	601,478	1,173,559	261,824	324,626	203,175	147,957	136,479
1986	1,708,552	611,500	1,223,063	265,493	333,424	205,262	152,065	140,745
1987	1,761,466	628,975	1,261,359	275,316	342,776	209,322	157,331	144,337
1988	1,853,369	651,372	1,336,741	285,202	355,106	217,061	161,522	149,109
1989	1,928,834	678,439	1,403,391	305,114	360,838	221,686	164,605	151,639
1990	1,987,953	697,358	1,452,353	316,480	369,053	226,131	166,547	154,747

Fall	Independent colleges and universities c/		Private 2-year colleges c/		Other public institutions c/	
	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment	Total enrollment	Full-time enrollment
1970	117,891	88,140	n.a.	n.a.	2,114	2,114
1971	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1972	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1973	130,733	91,196	n.a.	n.a.	n.a.	n.a.
1974	120,201	82,477	n.a.	n.a.	n.a.	n.a.
1975	176,651	116,951	n.a.	n.a.	n.a.	n.a.
1976	171,608	117,728	n.a.	n.a.	n.a.	n.a.
1977	180,761	122,894	4,230	3,422	675	661
1978	177,851	123,749	6,058	5,334	484	484
1979	189,832	129,666	6,878	6,107	1,972	1,967
1980	156,564	108,462	6,837	6,291	2,021	2,005
1981	182,935	127,492	8,012	6,837	3,315	3,315
1982	183,453	125,340	11,578	10,128	3,488	3,488
1983	166,031	113,103	5,053	4,419	3,622	3,604
1984	193,380	129,301	14,177	12,883	3,634	3,613
1985	193,877	131,035	12,618	11,194	1,925	1,914
1986	193,261	136,045	12,091	9,917	372	372
1987	107,953	73,180	12,686	9,983	---- None reported ----	
1988	195,721	136,659	6,764	5,930	679	409
1989	168,828	115,823	3,061	2,916	---- None reported ----	
1990	177,077	121,397	n.a.	n.a.	3,697	3,469

a/ 1990 enrollment is estimated by the Community Colleges Chancellor's Office.
b/ "Total University" includes Medical and Health Science enrollments.
c/ The totals do not include all institutions in the State. Reporting of enrollment is voluntary so totals reflect only those schools responding.
n.a. Not available.

Department of Finance, Demographic Research, (916) 322-4651 [Public community colleges, State universities, Univ. of Calif.]
California Postsecondary Education Commission, Information Systems, (916) 322-8031 [Independents, Private 2-year colleges, Other public institutions]

TABLE F-2

FALL 1988 ENROLLMENT AND 1987-88 DEGREES CONFERRED IN THE FOUR SEGMENTS OF HIGHER EDUCATION

	Community colleges a/	California State University	University of California b/	Total independent colleges and universities	Other public institutions c/
Total enrollment	1,121,259	355,106	161,522	195,721	7,955
Lower division	1,077,370	101,293	61,138	51,512	--
Upper division	---	183,636	59,863	50,763	6,588
Graduate	---	70,177 d/	28,376	65,777	--
First professional	---	---	6,748	19,906	1,367
Other/not known	43,889	---	5,397	7,763	--
Degrees conferred by type					
Associates	68,888	---	---	6,772	--
Baccalaureate	---	46,446	23,466	43,380	4
Masters	---	8,960	5,893	32,892	863
Doctorate	---	19	2,297	4,420	14
First professional	---	---	1,846	10,496	485
Other/not known	12,558	---	780	6,016	--

a/ Credit enrollments only.
b/ "Total University" includes Health Science, Interns and Residents, and First Professional enrollments.
c/ UC Hastings College of the Law, Naval Postgraduate School
d/ Includes post-baccalaureate students.

California Postsecondary Education Commission
Information Systems, (916) 322-8031

TABLE F-3

SELECTED DATA ON PUBLIC AND PRIVATE SCHOOLS GRADES K-12, CALIFORNIA, 1984-85 TO 1990-91

	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
Number of public school districts	1,029	1,028	1,028	1,025	1,018	1,010	1,012
Number of schools							
Public	7,416	7,362	7,384	7,125	7,237	7,358	7,485
Private	4,969	5,457	5,684	6,270	6,880	7,227	3,605 b/
Fall enrollment							
Public	4,151,110	4,255,554	4,377,989	4,488,398	4,618,120	4,771,978	4,950,474
Private	540,127	536,920	531,183	528,561	524,722	522,942	531,489 b/
Number of full-time teachers							
Public	173,838	179,660	185,151	189,564	192,808	201,726	208,228
Private	29,171	29,832	30,745	31,035	32,006	32,277	29,989 b/
Number of graduates							
Public a/	225,448	242,164	237,414	249,518	244,629	236,291	n.a.
Private	25,695	23,124	25,507	25,189	24,430	22,937 b/	n.a.

a/ Includes day school and evening or adult high school graduates.
b/ Includes only schools with six or more students.
n.a. Not available.

Department of Education
Program Evaluation and Research Divsion
Educational Demographics Unit
(916) 322-7373

TABLE F-4

GRADES K-12, CALIFORNIA PUBLIC SCHOOLS

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Enrollment, Fall a/ b/	4,065,486	4,089,017	4,151,110	4,255,554	4,377,989	4,488,398	4,618,120	4,771,978	4,950,474
Elementary (Grades K-8)	2,747,713	2,764,036	2,800,296	2,879,503	2,995,622	3,118,101	3,246,313	3,398,624	3,539,543
High school (Grades 9-12)	1,237,025	1,249,967	1,278,447	1,300,762	1,305,518	1,289,806	1,266,650	1,269,871	1,302,631
Special classes c/	80,748	75,014	72,367	75,289	76,849	80,491	105,157	103,483	108,300
Classes for adults d/ e/	1,474,831	1,474,814	1,508,705	1,614,400	1,637,658	1,724,375	1,726,152	1,864,227	1,972,328
Certificated personnel, Fall (FTE)									
Total	203,122	201,868	207,585	213,238	221,063	226,783	230,198	240,040	247,864
Teachers	172,145	173,546	178,401	183,211	189,978	195,475	198,521	207,277	214,273
Nonteaching personnel									
School districts	28,563	26,054	26,886	27,811	28,740	29,015	29,229	30,401	31,060
County offices	2,414	2,268	2,298	2,216	2,352	2,301	2,448	2,362	2,531

	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
Average Daily Attendance f/									
Total	4,244,036	4,271,915	4,324,136	4,435,973	4,579,346	4,684,723	4,826,335	4,993,229	5,201,520
Grades K-8	2,771,997	2,787,513	2,817,945	2,894,689	3,013,291	3,128,191	3,261,761	3,370,954	3,551,175
Grades 9-12	1,472,039	1,484,402	1,506,191	1,541,284	1,566,055	1,556,532	1,564,574	1,622,275	1,650,345
State apportionments ($ mil) g/	$7,053.8	$7,895.4	$8,836.8	$9,725.6	$10,592.2	$10,959.0	$11,650.2	$12,906.5	$13,695.8
Prineipal apportionment h/	6,431.8	7,196.5	7,961.1	8,767.8	9,699.2	10,028.1	10,661.1	11,785.4	12,481.2
Special purpose apport. i/	565.1	593.7	745.7	797.9	729.1	737.5	763.2	883.4	928.1
Selected categorieal apport. j/	56.9	105.2	130.0	159.9	163.9	193.4	225.9	237.7	286.5
Revenue receipts by source: ($ mil) k/									
Federal	n.a.	n.a.	n.a.	n.a.	$1,290.9	$1,403.1	$1,575.5	$1,653.1	$1,940.2
State l/	n.a.	n.a.	n.a.	n.a.	12,834.2	13,599.7	15,213.4	16,260.6	18,129.9
Local	n.a.	n.a.	n.a.	n.a.	4,346.1	5,038.3	5,818.1	6,454.8	6,834.8
Subtotal	n.a.	n.a.	n.a.	n.a.	18,471.2	20,041.0	22,607.0	24,368.5	26,904.9
Non-revenue receipts m/	n.a.	n.a.	n.a.	n.a.	130.0	188.4	379.5	466.7	418.4
Total receipts	n.a.	n.a.	n.a.	n.a.	18,601.2	20,229.4	22,986.5	24,835.1	27,323.2

a/ Exeludes adults from 1980 on.
b/ Enrollment is for a given date. Enrollment for the year exceeds the a.d.a.
e/ Ungraded enrollments ineluding mentally and physieally handicapped.
d/ Includes defined adults and some special students previously reported in high school.
e/ Duplicated count.
f/ From the Annual Report of Average Daily Attendance (includes County Offices of Education, but does not include "non-funded" ADA).
g/ Amounts represent the bulk of State-level funds received by public schools, but are not exhaustive.
h/ From the Second Prineipal Apportionment.
i/ Ineludes Pupil Transportation, Driver Training, Eeonomie Impact Aid, and School Improvement Program.
j/ Includes Mentor Teaeher, Miller-Unruh, Instruetional Materials, Year-Round Schools and Class Size Reduction in various years.
k/ As reported to the National Education Association.
l/ Includes funds for the operation of the State Board of Education, the State Department of Education, and public school districts.
m/ Funds are from the sale of bonds, real property and equipment, loans, and proceeds from insurance adjustments.

Department of Edueation, Program Evaluation and Researeh Division, Educational Demographics Unit, (916) 657-2676 : Enrollment, Personnel
Department of Education, Local Assistance Bureau, (916) 324-4532 : ADA, Apportionments, Revenues

TABLE F-5

NUMBER OF CALIFORNIA LIBRARIES, 1985 TO 1990

	As of September					
	1985	1986	1987	1988	1989	1990
Total California libraries (excluding school libraries)	990	967	905	895	866	839
Public libraries a/	169	169	169	169	168	168
Main libraries	163	163	163	163	162	162
Branch libraries (at least 1,400 sq. ft., at least 1 librarian, 1 clerical)	587	575	601	601	604	638
Library stations (fixed outlets smaller than branches)	340	382	371	338	326	311
Mobile library stops (served by book-mobiles, etc.) (68 vehicles operated by 47 libraries in 1990)	1,855	1,869	1,887	1,785	1,872	1,903
Total service outlets	2,945	2,989	3,022	2,887	3,031	3,081
Academic libraries, university and college b/						
State	29	29	29	29	28	29
Community	102	104	107	102	105	102
Private	53	52	53	66	59	59
Total	184	185	189	197	192	190
Special libraries b/c/						
Legal	28	28	28	32	36	27
Medical	93	90	73	78	80	69
Religious	10	10	9	--	--	--
For Profit, special	178	162	139	131	123	107
Nonprofit, special	140	135	122	74	75	87
U.S. armed forces	18	19	12	--	--	--
Popular libraries	--	--	--	20	17	22
Special libraries	--	--	--	16	18	23
Special, state government offices	--	--	--	41	34	29
Resident, state institutions/schools	--	--	--	49	40	38
Branch libraries, academic institutions	--	--	--	30	24	21
Total	467	444	383	471	447	423
County law libraries (one maintained by each county)	58	58	58	58	58	58

a/ Jurisdictions providing library service, September 1990: 105 cities; 48 counties; 11 special library districts; 4 combined city-county libraries. Total 168.
b/ Not all operating libraries in these categories report annually to the State Library. Those not reporting for two years consecutively are purged from the list.
c/ New basis of count as of 1988.

California State Library
Library Development Services Bureau
(916) 322-0373

TABLE F-6

LIBRARY STATISTICS, STATEWIDE SUMMARY BY TYPE OF LIBRARY CALIFORNIA, 1985-86 TO 1989-90

Fiscal year, Type of library	Total operating expenditures ($1,000) a/	Salaries b/ ($1,000)	Library materials c/ ($1,000)	Staff FTE d/	Total volumes e/ (000)	Circulation (000) f/	Interlibrary loan Borrow g/ (000)	Interlibrary loan Lent h/ (000)	Reference i/ (000)
1985-86									
Total	696,098	436,400	138,825	17,105.84	116,203	153,175	581	696	42,796
Public libraries	356,086	231,851	48,126	9,233.70	51,543	129,275	261	239	37,271
Academic libraries	273,985	170,641	71,372	5,879.95	51,374	20,016	175	296	4,538
Special libraries	43,116	22,660	13,086	1,434.21	9,716	3,096	136	118	797
State agency libs	11,404	6,121	1,498	346.53	1,290	788	9	43	190
County law libs	11,507	5,127	4,743	211.45	2,280	n.a.	n.a.	n.a.	n.a.
1986-87									
Total	756,873	471,035	150,379	17,510.91	120,301	156,157	628	701	40,745
Public Libraries	381,756	245,349	51,117	9,571.91	52,516	131,955	270	225	34,890
Academic Libraries	302,582	187,725	77,858	5,976.59	53,875	21,001	189	308	4,974
Special Libraries	43,723	23,594	14,062	1,423.55	10,415	2,322	157	118	637
State agency libs	15,176	8,433	1,732	322.86	1,135	879	12	50	244
County law libs	13,636	5,934	5,610	216.00	2,360	n.a.	n.a.	n.a.	n.a.
1987-88									
Total	767,237	475,933	155,740	17,672.29	116,543	161,280	724	813	41,804
Public Libraries	402,425	256,163	54,724	9,841.82	52,594	136,082	293	259	36,627
Academic Libraries	307,699	192,287	84,696	6,167.81	54,230	22,046	281	409	4,487
Special Libraries	27,489	13,471	8,918	1,162.18	6,379	2,365	143	96	552
State agency libs	15,012	7,864	1,623	282.65	922	787	7	49	138
County law libs	14,612	6,148	5,779	217.83	2,418	n.a.	n.a.	n.a.	n.a.
1988-89									
Total	837,836	526,854	165,100	17,813.11	120,007	163,903	681	816	43,292
Public Libraries	452,215	281,675	61,562	9,798.56	54,073	140,223	290	240	37,093
Academic Libraries	323,602	210,561	85,710	6,229.81	54,823	19,782	231	374	5,107
Special Libraries j/	62,019	34,618	17,828	1,784.74	11,111	3,898	160	202	1,092
County law libs	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1989-90									
Total	905,728	566,573	174,444	18,191.65	121,606	166,611	664	797	47,656
Public Libraries	498,451	320,176	65,655	10,296.21	56,767	144,398	284	249	41,524
Academic Libraries	342,954	214,431	88,692	6,010.62	54,302	18,603	247	391	5,344
Special Libraries j/	48,717	25,287	13,430	1,662.07	8,029	3,610	133	157	788
County law libs	15,606	6,679	6,667	222.75	2,508	n.a.	n.a.	n.a.	n.a.

a/ Includes materials, salaries, operation, contract services, transfers and payments. Excludes capital outlay and transfer to reserves.
b/ Expenditure for staff salaries and benefits. Included in total operating expenditures.
c/ Expenditure for all library materials: books, periodicals, microforms, audiovisual materials. Excludes supplies, binding and materials leased on contract. Included in total operating expenditures.
d/ Total number of persons employed, professional and support, expressed in full-time equivalent (FTE). Full-time is normally 40 hours per week but not less than 36.
e/ Total count of volumes held at end of fiscal year, June 30.
f/ Total annual out-of-building circulation, all materials, all units.
g/ Number of items borrowed by reporting library on interlibrary loan from other libraries. Includes photocopies sent in lieu of interlibrary loans.
h/ Number of items lent by reporting library on interlibrary loan (ILL) to other libraries. Includes photocopies sent in lieu of interlibrary loans.
i/ Annual total of questions answered by reporting library: questions, readers assistance, bibliographies, research projects, data base searches. Includes activities requiring use of library collections and services and/or training and experience of staff, but not simple directional questions.
j/ Includes State and Federal libraries.

California State Library
Library Development Services Bureau
(916) 322-0373

SECTION G

RESOURCE INDUSTRIES

This section presents data relating to five basic resources of California: water, agriculture, forestry, fishing, and mining. The basic sources for these data are: the Department of Water Resources; Department of Agriculture; Department of Forestry; Department of Fish and Game; and the Department of Conservation.

TABLE G-1

CALIFORNIA STATE WATER PROJECT: WATER DELIVERIES, 1990 a/

District or Agency	1990 Deliveries Acre-feet
Total	3,899,463
County of Butte	380
Plumas County Flood Control and Water Conservation District	574
City of Yuba City	0
Napa County Flood Control and Water Conservation District	5,506
Solano County Water Agency	18,448
Alameda County Water District	31,703
Alameda County Flood Control and Water Conservation District-Zone 7	32,991
Santa Clara Valley Water District	92,000
County of Kings	2,000
Devil's Den Water District	6,440
Dudley Ridge Water District	36,657
Empire West Irrigation District	1,279
Kern County Water Agency	862,448
Oak Flat Water District	3,212
Tulare Lake Basin Water Storage District	57,070
Westlands (Federal)	8,900
Antelope Valley East Kern Water Agency	47,209
Castaic Lake Water Agency	22,129
Coachella Valley County Water District	23,100
Crestline-Lake Arrowhead Water Agency	1,836
Desert Water Agency	38,100
Littlerock Creek Irrigation District	1,747
The Metropolitan Water District of Southern California	1,396,423
Mojave Water Agency	0
Palmdale Water District	8,608
San Bernardino Valley Municipal Water District	18,831
San Gabriel Valley Municipal Water District	16,649
Ventura County Flood Control District	4,836
Parks and Recreation	70
Fish and Game	145
Recreation/Fish and Wildlife	9,046
CVP conveyance b/	217,610
Local water	871,203
Purchased water	62,204
Vallejo permit water	1,431
Miscellaneous water	8,139
State Water Project Transfer	(4,061)
Non-State Water Project Transfer	(5,400)

a/ Includes contract entitlements; 128,546 AF of 1989 entitlements delivered in 1990; excludes State Water Project Transfer and Non-State Water Project Transfer Includes regulated deliveries of local supplies.
b/ Central Valley Project includes Cross Valley Canal contracts, annual contracts, Decision 1485 water, and wheeling for fish protection.

Source: Department of Water Resources, Bulletin 132-90, The California State Water Project Current Activities and Future Management Plans.

Department of Water Resources
Division of Operations and Maintenance
State Water Project Analysis Office
(916) 653-9593

TABLE G-2

GROSS CAPACITIES OF RESERVOIRS BY HYDROGRAPHIC AREA, CALIFORNIA, 1990 a/

Hydrographic area	Aggregate capacity (acre feet)
Total	43,819,157
North Coastal	3,828,800
San Francisco Bay	809,032
Central Coastal	1,256,800
South Coastal	3,099,025
Central Valley	32,348,620
Sacramento River Basin	17,199,010
San Joaquin River-Tulare Lake Basin	15,149,610
Lahontan	1,774,780
Colorado Desert b/	702,100

a/ All reservoirs in California with gross capacities of 1,000 acre-feet or more. Includes reservoirs constructed by Federal and state agencies, as well as those constructed by local agencies, concerns and persons.
b/ Includes Parker Reservoir on Colorado River.

Source: Department of Water Resouces Bulletin 17-84: Dams Within Jurisdiction of California, August, 1984 and staff.

Department of Water Resources
Statewide Planning Branch
(916) 653-8023

TABLE G-3

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and county	Owner a/	Year of completion	Type	Height feet	Reservoir capacity (acre feet)	Purpose and use of dam b/	
Oroville	Feather River, Butte	DWR	1968	Earth	742	3,537,577	Mult. purp.	Irr., mun., ind.,
New Bullards Bar	North Yuba River, Yuba	Yuba Co. WA	1970	Variable radius arch	635	969,600	Stor.	Dom., irr., pwr., rec.
New Melones	Stanislaus River, Calaveras	USBR	1979	Rockfill	594	2,420,000	Mult. purp.	Irr., pwr., rec.
Don Pedro	Tuolume River, Tuolumne	Turlock and Modesto ID	1971	Earth	568	2,030,000	Div., FC, stor.	Dom., irr., pwr., rec.
Shasta	Sacramento River, Shasta	USBR	1945	Gravity	533	4,552,000	Mult. purp.	Irr., pwr., rec.
New Exchequer	Merced River, Mariposa	Merced ID	1967	Rockfill	479	1,032,000	Mult. purp.	Irr., pwr., rec.
Trinity	Trinity River, Trinity	USBR	1962	Earth	465	2,447,650	Mult. purp.	Irr., pwr., rec.
Union Valley	Silver Creek, El Dorado	Sacramento MUD	1963	Earth	453	271,000	Stor.	Pwr., rec.
Pine Flat	Kings River, Fresno	USCE	1954	Gravity	424	1,000,000	Mult. purp.	Irr., rec.
Lower Hell Hole	Rubicon River, Placer	Placer Co. WA	1966	Rockfill	410	208,400	Div., stor.	Dom., irr., mun.
Mammoth Pool	San Joaquin River, Fresno	Southern California Edison Co.	1960	Earth	406	123,000	Stor.	Dom., pwr., rec.
Pyramid	Piru Creek, Los Angeles	DWR	1973	Rockfill	386	179,000	Mult. purp.	Irr., mun., pwr., rec.
Pacoima	Pacoima Creek, Los Angeles	Los Angeles Co. FCD	1929	Variable radius arch	365	3,777	FC, stor.	--
Pardee	Mokelumne River, Amador	East Bay MUD	1929	Gravity	345	210,000	Div., stor.	Mun., rec.
Castaic	Castaic Creek, Los Angeles	DWR	1973	Earth	340	323,700	Stor.	Irr., mun., rec.
Salt Springs	N. Fk. Mokelumne R., Amador	PG&E	1931	Rockfill	328	144,000	Div., stor.	Pwr.
San Gabriel No. 1	San Gabriel River, Los Angeles	Los Angeles Co. DPW	1938	Earth and rock	320	44,183	FC, stor.	--
Warm Springs	Dry Creek, Sonoma	USCE	1982	Earth	319	381,000	FC, stor.	Irr., rec.
Cherry Valley	Cherry Creek, Tuolumne	City and Co. of San Francisco	1956	Earth and rock	315	273,500	Div., stor.	Dom., irr., pwr.
Courtright	Helms Creek, Fresno	PG&E	1958	Rockfill	315	123,300	Stor.	Pwr.
San Luis	San Luis Creek, Merced	USBR	1967	Earth	313	2,041,000	Stor.	Ind., irr., mun., pwr., rec.
O'Shaughnessy	Tuolumne River, Tuolumne	City and Co. of San Francisco	1923	Gravity	312	360,000	Stor.	Dom., mun., pwr.
Friant	San Joaquin River, Fresno	USBR	1942	Gravity	296	520,500	FC, stor.	Irr., rec.
Donnells	M. Fk. Stanislaus R., Tuolumne	Oakdale and South San Joaquin ID	1958	Variable radius arch	291	56,893	Stor.	Irr., pwr.
Casitas	Coyote Creek, Ventura	USBR	1959	Earth	285	254,000	Mult. purp.	Mun., rec., pwr.
Folsom	American River, Sacramento	USBR	1956	Gravity	281	1,010,000	Mult. purp.	Dom., irr., mun., pwr., rec.
Beardsley	M. Fk. Stanislaus R., Tuolumne	Oakdale and South San Joaquin ID	1957	Earth and rock	278	77,600	Stor.	Irr., pwr.
Lake Spaulding	South Fork Yuba R., Nevada	PG&E	1913	Variable radius arch	275	74,773	Div., stor.	Pwr., rec.
Briones	Bear Creek, Contra Costa	East Bay, MUD	1964	Earth	273	67,520	Div., stor.	Dom., mun.
Sly Creek	Lost Creek, Butte	Oroville-Wyandotte ID	1961	Earth	271	65,050	Reg., stor.	Dom., irr., mun.

TABLE G-3 (Continued)

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and county	Owner a/	Year of completion	Type	Height feet	Reservoir capacity (acre feet)	Purpose and use of dam b/	
Whiskeytown	Clear Creek, Shasta	USBR	1963	Earth and rock	270	241,100	Mult. purp.	Irr., mun., pwr., rec.
Cogswell	W. Fk. San Gabriel R., Los Angeles	Los Angeles Co. FCD	1935	Rockfill	266	8,853	FC, stor.	Dom., irr., pwr.
Wishon	North Fork Kings R., Fresno	PG&E	1958	Rockfill	265	117,600	Div., stor.	Pwr.
Mathews	Trib. Cajalco Creek, Riverside	MWD	1938	Earth	264	182,000	Stor.	Dom., irr., mun.
New Spicer Meadow	Highland Creek, Tuolumne	Calaveras Co. WD	1989	Rockfill	262	189,000	Stor.	Mun., pwr.
Englebright	Yuba River, Yuba	USCE	1941	Variable radius arch	260	70,000	Deb. cont.	Pwr.
Monticello	Putah Creek, Napa	USBR	1957	Constant radius arch	255	1,602,000	Mult. purp.	Dom., irr., mun., rec.
Terminus	Kaweah River, Tulare	USCE	1962	Earth and rock	250	150,000	Mult. purp.	Irr., rec.
McKay's Point Diversion	N. Fk. Stanislaus River, Calaveras	Calaveras Co. WD	1989	Constant radius arch	246	21,000	Div., stor.	Mun., pwr.
Morris	San Gabriel River, Los Angeles	MWD	1935	Gravity	245	27,500	Div., stor.	Dom., mun.
Lower Bear River	Bear River, Amador	PG&E	1952	Rockfill	243	52,025	Div., stor.	Dom., irr., pwr.
Rollins	Bear River, Nevada	Nevada ID	1965	Earth and rock	242	66,000	Div., stor.	Dom., irr., mun.
McCloud	McCloud River, Shasta	PG&E	1965	Earth and rock	240	35,300	Div., stor.	Pwr.
El Capitan	San Diego River, San Diego	City of San Diego	1934	Hydraulic fill	237	112,800	Stor.	Mun.
Cedar Springs	W. Fk. Mojave, San Bernardino	DWR	1971	Rockfill	236	78,000	Stor.	Irr., mun., rec., pwr.
Leroy Anderson	Coyote River, Santa Clara	Santa Clara Valley WD	1950	Earth and rock	235	91,280	Stor.	Dom., ind., irr.
Big Creek No.7	San Joaquin River, Fresno	So. Calif. Edison Co.	1951	Gravity	233	35,000	Div., stor.	Pwr.
Slab Creek	S. Fk. American R., El Dorado	Sacramento MUD	1967	Variable radius arch	233	16,600	Div., stor.	Dom., mun., pwr.
Stampede	Little Truckee River, Sierra	USBR	1970	Earth	232	226,500	Stor.	Irr., rec.
L. L. Anderson	M. Fk. American R., Placer	Placer Co. WA	1965	Earth	231	136,405	Div., stor.	Dom., irr., mun.
Pit No.7	Pit River, Shasta	PG&E	1965	Gravity	230	34,000	Div., stor.	Pwr.
Peters	Laqunitas Creek, Marin	Marin Mun. WD	1954	Earth	230	32,900	Stor.	Mun.
Ramona	Green Valley Creek, San Diego	Romona Mun. WD	1988	Earth	228	12,200	Stor.	Irr.
New Lake Arrowhead	Little Bear Cr., San Bernardino	County of San Bernardino	1976	Earth	225	1,970	Stor.	Rec.
Big Santa Anita	Trib. Rio Hondo Cr., Los Angeles	Los Angeles Co. DPW	1927	Variable radius arch	225	856	FC, stor.	Dom., irr., mun.
San Joaquin Reservoir	Trib. Bonita Creek, Orange	Irvine Ranch WD	1966	Earth	224	3,036	Stor.	Dom., mun.

Del Valle	Arroyo Del Valle, Alameda	DWR	1968	Earth	222	77,100	Stor.	Irr., mun., rec.
Indian Valley	Trib. Cache Cr., Lake	Yolo Co. FCWCD	1976	Earth	220	300,000	FC, stor.	Irr., rec.
Twitchell	Cuyama River, San Luis Obispo	USBR	1958	Earth	216	2,400,000	Mult. purp.	Dom., irr., mun., rec.
Brush Creek	Brush Creek, El Dorado	Sacramento MUD	1970	Variable radius arch	213	1,750	Stor., Div.	Pwr., dom., mun.
Santa Felicia	Piru Creek, Ventura	United WCD	1955	Earth	213	100,000	Stor.	Dom., ind., irr., mun.
Nacimiento	Nacimiento R., San Luis Obispo	Monterey Co. FC&WCD	1957	Earth	210	350,000	FC	Dom., irr., mun., pwr.
Calaveras	Calaveras Creek, Alameda	City and Co. of San Francisco	1925	Hydraulic fill	210	100,000	Stor.	Dom., mun.
Little Grass Valley	S. Fk. Feather R., Plumas	Oroville--Wyandotte ID	1961	Rockfill	210	93,000	Stor.	Dom., irr., mun., pwr.
Iron Canyon	Cedar Salt Dog Creek, Shasta	PG&E	1965	Earth	210	24,300	Div., stor.	Pwr.
New Hogan	Calaveras River, Calaveras	USCE	1963	Earth and rock	210	325,000	Mult. purp.	Irr., rec.
Big Tujunga No.1	Big Tujunga Creek, Los Angeles	Los Angeles Co. DPW	1931	Variable radius arch	208	5,750	FC, stor.	Dom., mun.
Bradbury	Santa Ynez R., Santa Barbara	USBR	1953	Earth and rock	206	205,000	Mult. purp.	Irr., mun.
Tulloch	Stanislaus River, Calaveras	Oakdale and South San Joaquin ID	1958	Gravity	205	68,400	Stor.	Irr., pwr.
Lexington	Los Gatos Creek, Santa Clara	Santa Clara Valley WD	1953	Earth	205	21,430	Stor.	Irr.
Box Canyon	Sacramento River, Siskiyou	Siskiyou Co. FCWCD	1969	Gravity	204	26,000	Stor.	Rec.
Mojave	W. Fort Mojave R., San Bernardino	USCE	1971	Earth	204	157,000	FC	--
Lake Loveland	Sweetwater River, San Diego	South Bay ID	1945	Variable radius arch	203	25,400	Div., stor.	Dom., ind., irr., mun.
San Vicente	San Vicente Creek, San Diego	City of San Diego	1943	Gravity	203	90,230	Div., stor.	Dom., mun.
San Antonio	San Antonio River, Monterey	Monterey Co. FCWCD	1965	Earth	201	350,000	FC, stor.	Dom., ind., irr., mun., rec.
Chet Harritt	Quail Canyon Creek, San Diego	Helix WD	1962	Earth	200	9,790	Stor.	Dom., irr., mun., rec.
Jackson Meadows	M. Fk. Yuba River, Nevada	Nevada ID	1965	Rockfill	195	52,500	Mult. purp.	Dom., mun., pwr., rec.
Mulholland	Weid Canyon, Los Angeles	City of Los Angeles	1924	Gravity	195	4,036	Stor.	Dom., mun.
James H. Turner	San Antonio Creek, Alameda	City and Co. of San Francisco	1964	Earth	193	50,500	Stor.	Dom., mun.
Whale Rock	Old Creek, San Luis Obispo	DWR	1960	Earth	193	40,662	Stor.	Dom., irr., mun.
Jackson Creek	Jackson Creek, Amador	Jackson Valley ID	1965	Earth and rock	193	22,000	Stor.	Irr., rec.
Buchanan	Chowchilla River, Madera	USCE	1975	Earth and rock	192	150,000	FC, stor.	Irr., rec.
Spring Creek Debris	Spring Creek, Shasta	USBR	1963	Earth	190	5,874	Deb. Cont.	--
Lake Arrowhead	Little Bear Creek, San Bernardino	Arrow Lake Assoc.	1922	Hydraulic fill	190	48,000	Stor.	Dom., irr., pwr., rec.
New Upper San Leandro	San Leandro Creek, Alameda	East Bay MUD	1926	Hydraulic fill	190	41,436	Stor., div.	
Bouquet Canyon	Bouquet Creek, Los Angeles	City of Los Angeles	1934	Earth	190	36,500	Stor.	Mun.
Isabella	Kern River, Kern	USCE	1953	Earth	185	570,000	Mult. purp.	Irr., rec.
Camp Far West	Bear River, Placer	South Sutter WD	1963	Earth	185	103,000	Stor.	Irr., rec.
Shaver Lake	Stevenson Creek, Fresno	Southern California Edison Co.	1927	Gravity	180	135,283	Div., stor.	Pwr.
Camanche	Mokelumne River, San Joaquin	East Bay MUD	1963	Earth	171	431,500	FC, stor.	Mun., rec.

TABLE G-3 (Continued)

MAJOR DAMS AND RESERVOIRS OF CALIFORNIA

Dam	Stream and county	Owner a/	Year of completion	Type	Height feet	Reservoir capacity (acre feet)	Purpose and use of dam b/	
Vermillion Valley	Mono Creek, Fresno	Southern Californa Edison Co.	1954	Earth	167	125,000	Stor.	Dom. pwr.
Coyote Valley	E. Fk. Russian R., Mendocino	USCE	1959	Earth	164	129,600	FC	
Black Butte	Stoney Creek, Tehama	USCE	1963	Earth	135	160,000	FC, stor	Irr., rec.
Lake Almanor	N. Fk. Feather R., Plumas	PG&E	1927	Hydraulic fill	130	1,308,000	Div., stor.	Irr., pwr.
Perris	Bernasconi Pass, Riverside	DWR	1973	Earth	130	131,452	Stor.	Irr., mun., rec.
Long Valley	Owens River, Mono	City of Los Angeles	1941	Earth	126	183,465	Stor.	Dom., pwr.
Bucks Storage	Bucks Creek, Plumas	PG&E	1928	Rockfill	122	103,000	Stor.	Irr., pwr.
Prado	Santa Ana River, Riverside	USCE	1941	Earth	106	314,375	FC	
Parker	Colorado R., San Bernardino	USBR	1938	Variable radius arch	85	648,000	FC, stor	Mun, pwr.
Clear Lake	Lost River, Modoc	USBR	1910	Earth and rock	32	527,000	FC, stor.	Irr., rec.
Clear Lake Impounding	Cache Creek, Lake	Yolo Co. FCWCD	1914	Gravity	30	315,000	Stor.	Irr.
Buena Vista	Kern River, Kern	J. G. Boswell Co. & Tenneco West Inc.	1890	Earth	20	205,000	Stor.	Irr.
Lake Tahoe	Truckee River, Placer	USBR	1913	Gravity	14	732,000	Reg., stor.	Irr., pwr., rec.

NOTE: This list of 102 dams includes those of at least 190 feet in height or at least 100,000 acre feet of reservoir capacity. There are more than 1,200 dams within the safety jurisdiction of the State, which is exercised over dams which are 25 feet high or more storing more than 15 acre-feet of water, or which are more than six feet high storing at least 50 acre-feet. Federally operated dams, 27 of which are listed here, are exempt from State safety supervision. The "height" listed is the vertical distance from the crest of the dam to the original streambed at the downstream toe of the dam.

a/ Abbreviations:

- Co.--Company, County
- DWR--California Department of Water Resources
- FCD--Flood Control District
- FCWCD--Flood Control and Water Conservation District
- FCWD--Flood Control and Water District
- ID--Irrigation District
- MUD--Municipal Utility District
- MWD--Metropolitan Water Distict of Southern California
- PG&E--Pacific Gas and Electric Company
- UC--Under Construction
- USBR--United States Bureau of Reclamation
- USCE--United States Corps of Engineers
- WA--Water Agency
- WCD--Water Conservation District
- WD--Water District

b/ Abbreviations (Purpose of dam):

- Mult. purp.--Multiple purpose
- Stor.--Storage
- Div.--Diversion
- Reg.--Regulation
- FC--Flood Control
- Deb. cont.--Debris Control

Abbreviations (Use of water)

- Irr.--Irrigation
- Pwr.--Power
- Rec.--Recreation
- Mun.--Municipal
- Dom.--Domestic
- Ind.--Industrial

Source: Department of Water Resources, Bulletin No. 17-88, Dams within Jurisdiction of the State of California, October 1988. Division of Safety of Dams Statistical File.

Department of Water Resources
Safety of Dams
(916) 323-5379

TABLE G-4

THE CALIFORNIA STATE WATER PROJECT: SUMMARY OF POWERPLANTS a/

Name	County	Actual or estimated year of completion b/	Number of units	Static head c/ (feet)	Power generator output f/ (kW)	Average annual energy output f/ (MWH)	
Total						7,291,000	
Hydroelectric							
Edward Hyatt	Butte	1969	6	410/676	643,140	1,938,000	
Thermalito	Butte	1969	4	85/102	110,160	240,000	
Thermalito Diversion Dam	Butte	1987	1	63/77	2,970	18,000	
Gianelli g/	Merced	1968	8	99/327	424,000	195,000	e/
Alamo	Los Angeles	1985	1 f/	115/141	17,000	110,000	
Mojave Siphon h/	San Bernardino	1994	3	100	16,800	100,000	
Devil Canyon	San Bernardino	1972	4 f/	1,411	272,000	1,723,000	
W. E. Warne	Los Angeles	1982	2	719/739	78,500	358,000	
Castaic d/	Los Angeles	1972	7	830/1,098	1,250,000	569,000	e/
San Luis Obispo h/	San Luis Obispo	1995	1	806	5,000	40,000	
Coal Fired							
Reid Gardner Unit #4	Clark County, Nv.	1983	1	n.a.	250,000	1,280,000	e/
Geothermal							
Bottle Rock i/	Lake	1985	1	n.a.	55,000	360,000	
South Geysers	Sonoma	Postponed indefinately	1	n.a.	55,000	360,000	

a/ From Department of Water Resources, Bulletin 132-90, "Management of the California State Water Project".
b/ Initial operation of the plants.
c/ Minimum and maximum static heads.
d/ Constructed and operated by the City of Los Angeles using project water.
e/ State share only.
f/ Under full development.
g/ Previously named San Luis.
h/ Tentative data for future facility.
i/ Not operational, preserved for future use.
n.a. Not applicable.

Department of Water Resources
Division of Operations and Maintenance
State Water Project Analysis Office
(916) 653-9593

TABLE G-5

NET IRRIGATED ACRES a/ BY HYDROLOGIC STUDY AREA, CALIFORNIA, 1988

Hydrologic Study Area	Thousands
Total	8,911
North Coast	267
North Bay	96
South Bay	11
Central Coast North	285
Central Coast South	138
South Coast	307
Sacramento	1,918
San Joaquin	1,922
Tulare Lake	3,137
North Lahontan	147
South Lahontan	65
Colorado River	618

a/ Based on land and water use surveys conducted by the Department of Water Resources.

Department of Water Resources
Statewide Planning Branch
(916) 653-8023

TABLE G-6

MUNICIPAL WATER SUPPLIES SELECTED CITIES AND AGENCIES FISCAL YEAR 1989-90 a/

City or district	Million gallons
Eureka d/	1,609
Santa Rosa d/	6,857
San Francisco d/	90,039
East Bay Municipal Utility District e/	70,160 b/
Santa Barbara d/	4,035
Santa Cruz d/	1,125
Metropolitan Water District of Southern California c/ f/	855,684 b/
Long Beach d/	24,900
Los Angeles d/	226,407
San Diego d/	78,086
Redding d/	5,902
Sacramento g/	35,236
Fresno d/	37,680
Yreka d/	792
Tehachapi d/	463
El Centro d/	2,658

a/ Gross water produced
b/ Gross water deliveries
c/ Includes part of water supply for Long Beach, Los Angeles and San Diego, listed above.

Sources (supplemented by DWR staff):
d/ State Controller's Office
e/ East Bay Municipal Utility District
f/ Metropolitan Water District of Southern California
g/ City of Sacramento

Department of Water Resources
Statewide Planning Branch
(916) 653-8023

TABLE G-7

CALIFORNIA FARMS, 1987 a/

Item	Amount
All land in farms (acres)	30,598,178
All cropland harvested (acres)	7,676,287
Irrigated land in farms b/ (acres)	7,596,091
Average size of farms (acres)	368
Number of farms by size group	
Total	83,217
Under 10 acres	22,697
10-49 acres	28,498
50-179 acres	15,017
180-499 acres	8,028
500-999 acres	3,804
1,000 acres or more	5,173

a/ All farms with sales of $1,000 or more.
b/ Includes both cropland and pasture.

Source: U.S. Department of Commerce, Bureau of Census, Census of Agriculture, 1987

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 654-0895

TABLE G-8

NUMBER OF FARMS, LAND AREA AND AVERAGE SIZE OF FARM, 1987

County	Number of farms	Land in farms (acres)	Average size of farm (acres)	Percent of land area in farms	Cropland harvested (acres)
Total	83,217	30,598,178	368	30.5	7,676,287
Alameda	692	241,276	349	51.4	15,643
Alpine	---	---	---	---	---
Amador	371	218,532	589	57.6	5,749
Butte	2,030	494,530	244	46.5	181,867
Calaveras	431	253,421	588	38.6	1,987
Colusa	764	456,266	597	61.8	214,297
Contra Costa	840	200,262	238	42.6	30,267
Del Norte	84	13,139	156	2.0	2,934
El Dorado	738	128,135	174	11.7	3,632
Fresno	7,590	1,975,373	260	51.7	1,010,151
Glenn	1,170	490,732	419	58.2	181,890
Humboldt	890	616,267	692	26.9	13,512
Imperial	804	542,958	675	19.8	409,682
Inyo	94	219,816	2338	3.4	d/
Kern	2,255	3,037,068	1347	58.2	746,185
Kings	1,204	702,173	583	78.6	441,602
Lake	873	154,903	177	19.3	23,336
Lassen	413	517,976	1254	17.8	63,614
Los Angeles	2,035	280,156	138	10.8	37,102
Madera	1,746	757,263	434	55.2	239,133
Marin	285	167,590	588	50.4	4,123
Mariposa	255	236,709	928	25.4	1,832
Mendocino	1,067	777,264	728	34.6	26,299
Merced	3,048	1,049,302	344	82.7	382,246
Modoc	495	729,023	1473	27.8	108,517
Mono	76	72,900	959	3.8	8,871
Monterey	1,364	1,384,702	1015	65.1	214,053
Napa	1,197	258,197	216	53.2	43,328
Nevada	386	56,179	146	9.0	2,276
Orange	504	108,887	216	21.8	18,888
Placer	1,233	168,223	136	18.5	23,158
Plumas	109	88,132	809	5.4	12,880
Riverside	3,874	491,150	127	10.7	217,994
Sacramento	1,586	412,225	260	65.5	115,478
San Benito	704	631,888	898	70.7	50,154
San Bernardino	1,938	1,682,364	868	13.1	39,642
San Diego	6,259	529,964	85	19.5	82,419
San Francisco	---	---	---	---	---
San Joaquin	4,365	823,729	189	91.3	457,638
San Luis Obispo	1,991	1,444,385	725	68.1	123,171
San Mateo	330	63,511	192	21.9	8,079
Santa Barbara	1,756	869,969	495	49.6	91,383
Santa Clara	1,312	347,504	265	41.7	28,725
Santa Cruz	813	55,205	68	19.6	20,469
Shasta	899	377,352	420	15.5	26,023
Sierra	46	51,352	1116	8.4	3,782
Siskiyou	765	669,385	875	16.6	97,739
Solano	895	321,297	359	60.7	117,395
Sonoma	3,039	549,539	181	54.4	86,695
Stanislaus	4,630	719,845	155	75.0	288,899
Sutter	1,438	355,973	248	91.6	230,996
Tehama	1,420	1,104,584	778	58.0	69,032
Trinity	133	104,010	782	5.1	1,194
Tulare	5,911	1,410,172	239	45.5	598,783
Tuolumne	271	121,119	447	8.3	d/
Ventura	2,120	328,960	155	27.8	107,269
Yolo	1,011	505,597	500	76.4	277,071
Yuba	654	222,748	341	54.6	62,361

d/ Withheld to avoid disclosing data for individual farms.

Source: 1987 Census of Agriculture. A farm is any place from which $1,000 or more of agricultural products were sold, or normally would have been sold, during the census year.

Department of Food and Agriculture, California Agricultural Statistics Service
(916) 654-0895

TABLE G-9

CASH RECEIPTS BY COMMODITIES AND COMMODITY GROUPS, CALIFORNIA 1987 TO 1989

(In thousands of dollars)

Commodity	1987	1988	1989
FIELD CROPS			
Alfalfa seed	43,784	42,703	42,582
Barley	45,290	45,503	35,852
Beans, dry	85,006	95,177	114,207
Corn for grain	53,434	69,460	61,019
Cotton lint	909,984	854,499	1,012,883
Cottonseed	78,513	126,340	73,385
Hay, all	492,924	547,419	657,817
Oats	4,282	6,719	4,693
Potatoes	159,372	136,946	165,549
Rice	119,243	238,007	179,827
Sorghum grain	2,663	2,735	1,783
Sugar beets	204,658	194,510	169,333
Sweet potatoes	17,222	21,384	18,286
Wheat	126,319	179,153	194,799
Other field crops	59,375	55,626	56,954
Total	2,402,069	2,616,181	2,788,969
Percent of total cash receipts	14.7	15.4	15.6
FRUIT AND NUT CROPS			
Apples	62,607	113,914	103,386
Apricots	33,970	29,613	35,948
Cherries	28,615	20,040	24,418
Figs	17,336	16,666	16,560
Nectarines	65,545	78,861	79,290
Peaches, Clingstone	80,750	98,072	98,262
Peaches, Freestone	68,252	79,600	79,904
Pears	63,467	75,629	85,089
Persimmons	7,600	7,100	8,900
Plums	75,361	102,661	94,796
Pomegranates	5,617	6,454	4,667
Prunes	124,175	139,994	138,217
Almonds	648,000	600,075	460,800
Pecans	880	1,400	1,400
Pistachios	45,347	114,680	64,350
Walnuts	243,048	193,743	222,480
Grapes	1,205,849	1,449,084	1,550,516
Kiwifruit	18,886	22,420	26,565
Avocados	110,827	199,540	200,491
Dates	15,612	18,829	19,337
Olives	42,188	50,199	65,191
Grapefruit	57,730	57,719	54,233
Lemons	175,223	160,876	174,623
Oranges, Navel & misc.	246,001	263,789	271,095
Oranges, Valencia	191,284	160,020	200,872
Tangerines	35,900	32,633	20,787
Other fruits and nuts	31,120	43,222	32,332
Total	3,701,192	4,136,833	4,134,509
Percent of total cash receipts	22.7	24.4	23.1
NURSERY AND GREENHOUSE PRODUCTS	1,463,507	1,547,715	1,586,004
Percent of total cash receipts	9.0	9.1	8.9
VEGETABLE CROPS			
Asparagus	74,746	77,555	72,044
Broccoli	212,562	265,930	243,917
Cantaloupes	146,798	181,682	197,280
Carrots	160,815	195,847	218,465
Casaba melons	4,860	8,500	7,177
Cauliflower	147,156	161,514	159,408
Celery	136,348	147,740	184,842
Chili peppers	9,510	9,618	9,248
Crenshaw melons	3,478	3,150	2,700
Cucumbers	12,177	14,699	12,958
Honeydews	44,125	47,435	47,755
Lettuce	747,254	630,459	669,895
Mushrooms	107,095	118,045	127,477
Onions	136,229	90,382	109,671
Strawberries	407,657	387,830	354,184
Sweet corn	20,216	24,462	32,409
Tomatoes (fresh)	365,702	274,721	239,616
Tomatoes (processed)	383,382	385,669	569,207
Other vegetables	697,820	643,651	654,311
Total	3,817,930	3,668,889	3,912,564
Percent of total cash receipts	23.4	21.6	21.9
LIVESTOCK, POULTRY AND PRODUCTS			
Aquaculture	5,774	7,110	5,840
Broilers	341,053	339,094	360,592
Cattle & calves	1,350,012	1,616,615	1,504,754
Eggs	307,548	297,786	401,825
Farm chickens	5,580	3,996	5,864
Hogs	33,414	20,860	17,423
Honey	8,085	10,192	8,186
Milk & cream	2,083,001	2,072,368	2,430,691
Sheep & lambs	74,034	61,249	55,862
Turkeys	180,081	200,340	248,820
Wool	6,300	10,157	10,442
Other livestock & poultry	47,304	42,173	42,450
Total	4,442,186	4,681,940	5,092,749
Percent of total cash receipts	27.3	27.6	28.5
TOTAL CASH RECEIPTS FROM MARKETINGS	15,826,884	16,651,568	17,514,795
Percent of total cash receipts	97.2	98.0	97.9
GOVERNMENT PAYMENTS	462,000	335,100	372,100
Percent of total cash receipts	2.8	2.0	2.1
TOTAL CASH RECEIPTS FROM FARMING	16,288,884	16,986,668	17,886,895

n.a. Not available
Source: Economic Research Service

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 654-0895

TABLE G-10

FARM INCOME AND EXPENSES, CALIFORNIA, 1985 TO 1989

(In millions of dollars)

Item	1985	1986	1987	1988	1989
Gross farm income a/	15,730.6	15,631.7	17,221.4	17,942.7	18,904.8
Cash income	14,946.6	15,509.2	16,604.9	17,300.7	18,287.7
Farm marketings	14,302.9	14,835.0	15,826.9	16,651.6	17,514.8
Crops	9,955.1	10,371.6	11,384.7	11,969.6	12,422.0
Livestock and products	4,347.8	4,463.4	4,442.2	4,681.9	5,092.7
Government payments	301.5	387.9	462.0	335.1	372.1
Other farm income	342.1	286.3	316.0	314.1	400.8
Machine hire/customwork	66.5	39.2	54.4	48.5	57.2
Other farm-related income b/	275.6	247.1	261.6	265.6	343.7
Noncash income	647.7	556.4	604.7	616.0	596.8
Value of home consumption	31.2	32.3	29.7	33.5	27.2
Rental value of dwellings	616.5	524.1	575.1	582.4	569.6
Operator and other dwellings	542.3	457.5	508.8	515.8	509.3
Hired laborer dwellings	74.2	66.6	66.3	66.7	60.3
Value of inventory adjustment	136.4	(433.9)	11.8	26.0	20.3
Total production expenses a/	11,770.6	11,475.1	11,639.4	11,801.6	12,942.2
Intermediate product expenses	6,081.6	6,029.5	6,049.3	6,195.6	6,995.8
Farm origin	2,358.4	2,433.3	2,285.8	2,538.0	2,786.3
Feed purchased	1,570.3	1,634.3	1,516.1	1,724.3	1,966.7
Livestock and poultry purchased	607.7	609.3	569.6	613.0	590.4
Seed purchased	180.3	189.7	200.1	200.7	229.2
Manufactured inputs	1,576.9	1,474.4	1,521.8	1,543.9	1,741.0
Fertilizer and lime	440.2	410.9	399.8	419.8	468.1
Pesticides	481.8	483.2	506.9	499.0	642.7
Fuel and oil	385.8	322.2	304.1	303.1	327.2
Electricity	269.1	258.2	311.1	322.0	303.0
Other	2,146.3	2,121.8	2,241.7	2,113.7	2,468.4
Repair and maintenance	305.7	302.6	324.3	322.7	355.6
Other miscellaneous c/	1,840.6	1,819.1	1,917.4	1,791.1	2,112.8
Interest	1,678.5	1,544.1	1,375.6	1,324.9	1,356.2
Real estate	861.7	796.5	737.4	707.8	709.7
Nonreal estate	816.8	747.6	638.3	617.1	646.5
Contract and hired labor expenses	2,297.0	2,324.7	2,549.0	2,639.0	2,807.2
Cash labor expenses d/	2,191.4	2,234.6	2,440.1	2,533.7	2,710.9
Perquisites	105.6	90.0	108.9	105.3	96.3
Net rent to nonoperator landlords	431.2	391.5	497.0	464.5	560.7
Capital consumption	976.5	874.7	850.4	851.9	883.1
Property taxes	305.9	310.6	318.1	325.8	339.2
NET FARM INCOME	3,960.0	4,156.6	5,582.0	6,141.0	5,962.6
Cash income e/	14,946.6	15,509.2	16,604.9	17,300.7	18,287.7
Cash expenses e/	10,502.6	10,351.3	10,476.9	10,636.8	11,800.7
Intermediate product expenses	5,989.6	5,951.5	5,959.7	6,101.9	6,919.1
Interest	1,612.7	1,488.3	1,301.0	1,247.5	1,299.8
Cash labor expenses d/	2,191.4	2,234.6	2,440.1	2,533.7	2,710.9
Net rent to nonoperator landlords	431.2	391.5	497.0	464.5	560.7
Property taxes	277.7	285.4	279.2	289.2	310.3
NET CASH INCOME	4,444.0	5,157.9	6,128.0	6,663.9	6,487.0
Cash income e/	14,946.6	15,509.2	16,604.9	17,300.7	18,287.7
Cash expenses e/	10,502.6	10,351.3	10,476.9	10,636.8	11,800.7
Capital consumption e/	788.2	715.0	676.9	675.3	704.9
NET BUSINESS INCOME f/	3,655.8	4,442.9	5,451.1	5,988.7	5,782.1

TABLE G-10 (Continued)

FARM INCOME AND EXPENSES, CALIFORNIA, 1985 TO 1989
(In millions of dollars)

Item	1985	1986	1987	1988	1989
Gross receipts of farms g/	15,188.4	15,174.2	16,712.6	17,426.9	18,395.5
Nonfactor payments e/	7,055.5	6,951.8	6,915.8	7,066.4	7,934.2
Intermediate product expenses	5,989.6	5,951.5	5,959.7	6,101.9	6,919.1
Capital consumption	788.2	715.0	676.9	675.3	704.9
Property taxes	277.7	285.4	279.2	289.2	310.3
Factor payments e/	8,132.9	8,222.3	9,796.8	10,360.5	10,461.3
Interest	1,612.7	1,488.3	1,301.0	1,247.5	1,299.8
Contract and hired labor expenses	2,297.0	2,324.7	2,549.0	2,639.0	2,807.2
Net rent to nonoperator landlords	431.2	391.5	497.0	464.5	560.7
RETURNS TO OPERATORS h/	3,792.0	4,017.9	5,449.9	6,009.6	5,793.6
Off-farm income i/	3,182.5	3,204.2	3,399.3	3,510.4	3,497.8
Number of farms	83,000	83,000	83,000	84,000	84,000

a/ Includes operator dwellings.
b/ Includes forest product sales, custom feeding services, and other farm business-related income.
c/ Includes machine hire and customwork expenses; marketing, storage, and transportation expenses; and miscellaneous expenses.
d/ Includes contract labor expenses, hired labor wages, and Social Security payments.
e/ Excludes operator dwellings.
f/ Cash income less cash expenses and capital consumption.
g/ Gross farm income less rental value of operator dwellings.
h/ Gross receipts of farm businesses less nonfactor payments, interest, contract and hired labor expenses, and net rent to nonoperator landlords.
i/ Includes off-farm cash income for the principal farm operator and members of that farm operator's family.

Source: Economic Research Service

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TABLE G-11

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1990

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons	Value $1,000 b/	Rank among all California commodities b/ 1989	1990	Harvest season	Leading counties j/
Vegetables, total:					$3,560,880				
Asparagus	1	42.5	35.9	52.1	70,833	39	41	Feb.15-June 30	Imperial, San Joaquin, Monterey
Broccoli	1	91.0	97.5	560.7	244,695	17	17	Continuous	Monterey, Santa Barbara, Imperial, Fresno
Carrots	1	59.5	56.1	869.6	180,184	22	25	Continuous	Kern, Imperial, Fresno, San Luis Obispo
Cauliflower	1	78.4	51.3	307.8	152,929	30	28	Continuous	Monterey, Santa Barbara, Imperial
Celery	1	74.8	24.8	740.6	159,999	27	26	Continuous	Ventura, Monterey, Santa Barbara
Corn, sweet	3	11.4	20.0	95.0	31,730	49	49	May 1-Dec. 10	Riverside, Ventura, Santa Clara, Contra Costa
Cucumbers for processing	3	9.5	4.7	62.5	13,377	59	60	July 1-Sep. 30	San Diego, San Joaquin, Santa Clara, Ventura
Lettuce	1	76.2	162.2	2,798.0	682,700	8	8	Continuous	Monterey, Fresno, Imperial, San Luis Obispo
Melons									
Cantaloup d/	1	48.8	83.9	629.3	115,782	26	35	May 15-Nov.30	Fresno, Imperial, Riverside, Merced
Honeydew	1	75.7	19.0	171.0	54,036	45	43	June 1-Nov. 30	Fresno, Yolo, Imperial, Stanislaus, Sutter
Other e/	n.a.	n.a.	3.5	30.2	8,451	62	62	---	---
Mushrooms, all	2	18.6	0.5	66.5	127,701	31	30	Continuous	Monterey, Santa Clara, San Diego
Onions	1	28.7	39.0	758.0	124,694	33	33	Apr. 1-Oct. 31	Fresno, Imperial, Kern, Los Angeles
Peppers, chili d/	2	17.4	4.1	13.6	14,402	60	58	Sep.15-Dec.15	Monterey, Santa Clara
Tomatoes									
Fresh market	1	28.9	38.0	484.5	273,258	18	16	Apr.15-Dec.31	Fresno, San Diego, San Joaquin, Merced, Stanislaus
Processing	1	89.9	310.0	9,306.2	617,001	9	9	Jun 20-Nov.10	Fresno, Yolo, San Joaquin, Colusa, Solano
Other vegetables, & melons, etc.	---	---	---	---	689,108	---	---	---	---
Fruit and nuts, total:					$5,060,665				
Almonds (shelled)	1	99.9	411.0	330.0	591,560	10	10	Aug. 1-Oct. 31	Stanislaus, Kern, Merced, Butte, Madera
Apples	3	8.0	31.1	390.0	121,700	34	34	June 15-Oct. 30	Kern, Santa Cruz, Madera San Joaquin, Tulare
Apricots	1	93.9	16.7	115.0	36,824	48	48	June 1-Aug. 15	Stanislaus, San Joaquin, Kern, San Benito, Merced
Avocados	1	75.5	75.0	105.0	239,400	19	18	Continuous	San Diego, Santa Barbara, Ventura, Riverside
Bushberries c/									
Boysenberries d/	1	53.8	0.5	1.8	4,680	65	65	June 1-June 30	Stanislaus
Olallieberries	n.a.	n.a.	0.2	1.1	1,760	67	67	June 1-Aug. 30	Santa Cruz
Raspberries d/	3	2.7	1.7	8.9	29,228	53	51	June 1-July 31	Santa Cruz, Monterey

TABLE G-11 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1990

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons	Value $1,000 b/	Rank among all California commodities b/ 1989	1990	Harvest season	Leading counties j/
Fruit and nuts, cont'd									
Cherries, sweet	3	14.0	10.6	22.0	19,610	52	55	May 20-June 25	San Joaquin, Stanislaus, Santa Clara
Dates	1	99.9	5.0	24.0	20,880	54	54	Oct. 1-Dec. 15	Riverside, Imperial
Figs	1	99.9	16.7	46.0	15,082	56	57	June 10-Sep. 15	Madera, Merced, Fresno
Grapefruit, all	2	19.2	19.2	312.7	80,408	44	39	---	Riverside, San Diego, Kern Ventura
Desert	---	---	7.6	118.4	34,182	---	---	Nov.10-Jun.10	---
Other	---	---	11.6	194.3	46,226	---	---	Mar.15-Oct.25	---
Grapes, all	1	91.6	639.0	5,185.0	1,499,712	2	3	---	Fresno, Kern, Tulare, Madera, Napa
Raisin type	---	---	270.0	2,345.0	546,749	---	---	May 15-Dec.15	Fresno, Tulare, Kern, Madera
Table type	---	---	78.0	645.0	276,693	---	---	May 25-Dec.15	Kern, Tulare, Riverside, Fresno, Madera
Wine type	---	---	291.0	2,195.0	676,270	---	---	Aug. 5-Dec. 15	Napa, Sonoma, San Joaquin Madera, Monterey
Kiwifruit	1	100.0	7.3	39.0	14,110	57	59	Sep.15-Dec.28	Tulare, Butte, Yuba, Kern, Sutter
Lemons	1	84.4	47.8	596.6	237,803	24	19	Continuous	Ventura, Riverside, San Diego, Kern, Tulare
Nectarines	1	97.0	25.4	211.0	99,940	38	36	June 10-Sep. 5	Fresno, Tulare, Kern Kings
Olives	1	99.9	30.4	131.0	64,326	41	42	Sep.25-Mar.15	Tulare, Tehama, Kern, Butte, Madera
Oranges, all	2	38.6	175.1	2,658.8	562,443	11	11	---	Tulare, Kern, Riverside, Fresno, Ventura
Naval & misc.	---	---	106.0	1,653.8	358,169	---	---	Oct. 25-May 15	---
Valencia	---	---	69.1	1,005.0	204,274	---	---	Mar. 1-Dec. 1	---
Peaches, all	1	71.8	54.4	792.0	198,122	28	21	---	Fresno, Tulare, Stanislaus, Sutter, Merced
Clingstone	---	100.0	26.9	506.0	102,078	---	---	July 15-Sep.15	---
Freestone	---	47.9	27.5	286.0	96,044	---	---	May 10-Sep.15	---
Pears, all	2	34.4	23.3	332.0	83,248	37	38	Jul. 5-Oct. 5	Sacramento, Lake, Mendocino, Solano
Pecans	8	1.4	2.6	1.4	3,500	66	66	Sep. 1-Nov. 30	Tulare, Fresno
Pistachios	1	100.0	49.8	59.0	127,440	40	31	Sep.15-Dec.10	Kern, Madera, Kings, Tulare
Plums	1	82.3	41.7	222.0	133,804	35	29	May 25-Sep. 20	Fresno, Tulare, Kern, Kings
Prunes, dried basis	1	100.0	78.0	147.0	125,097	29	32	Sep.15-Nov.10	Sutter, Yuba, Tehama, Glenn, Butte
Strawberries, all c/	1	78.7	20.0	495.0	431,366	13	13	Feb.20-Nov.15	Monterey, Ventura, Santa Barbara, Santa Cruz, Orange
Fresh market	1	77.7	---	336.8	352,241	---	---	---	---
Processing	1	81.1	---	158.2	79,125	---	---	---	---
Tangerines, Mandarins, Tangors & Tangelos	2	23.4	7.3	60.0	29,282	51	50	Nov. 1-Apr.30	Riverside, Tulare
Walnuts d/	1	99.0	181.0	227.0	229,270	16	20	Sep.5-Nov. 10	Tulare, San Joaquin, Stanislaus, Butte, Sutter
Other fruit and nuts		---	---	---	60,070	---	---	---	---

TABLE G-11 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1990

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Harvested acreage (1,000)	Production 1,000 short tons	Value $1,000 b/	Rank among all California commodities b/ 1989	1990	Harvest season	Leading counties j/
Field and seed crops, total:					$3,257,224				
Alfalfa seed d/	1	37.7	71.0	17.5	50,494	46	44	Aug.15-Oct.15	Fresno, Kings, Imperial
Barley	8	2.4	200.0	240.0	26,500	47	52	May 15-Oct. 1	Kings, Tulare, Siskiyou, Kern, Modoc
Beans, dry	6	9.6	168.0	155.4	94,483	32	37	Aug.20-Nov.15	Stanislaus, San Joaquin, Tulare, Fresno, Kern
Corn for grain	23	0.3	160.0	716.8	78,080	36	40	Sep. 1-Dec. 1	San Joaquin, Solano, Sacramento, Tulare, Merced
Cotton	2	---	---	---	1,182,557	4	4	---	Fresno, Kern, Kings, Tulare, Merced
Lint	2	18.0	1,115.5	669.9	1,021,281	---	---	Oct. 1-Jan. 1	---
Seed	2	17.9	---	1,089.7	161,276	---	---	---	---
Hay, alfalfa and other	2	5.7	1,630.0	8,307.0	905,463	6	6	Mar. 1-Nov. 5	Imperial, Tulare, Kern Fresno, Merced
Oats	16	0.8	40.0	48.0	4,800	64	64	June 15-Oct.1	Siskiyou, San Joaquin, Merced, Santa Clara, Solano
Potatoes	7	4.5	50.0	889.2	183,580	21	24	Continuous	Kern, Riverside, Siskiyou, Modoc,
Rice k/	2	18.9	385.0	1,463.0	190,190	20	22	Sep.1-Nov.30	Butte, Colusa, Glenn, Sutter, Yuba
Safflower d/f/	1	76.6	116.6	142.3	37,150	43	47	July 1-Sep. 15	Kings, Yolo, San Joaquin, Sutter, Fresno
Sugar beets g/	3	15.8	167.0	4,359.0	184,386	25	23	Apr.1-Dec.10	Imperial, San Joaquin, Fresno, Solano, Kern
Sweet potatoes	3	11.5	8.3	72.7	24,265	50	53	Jul. 15-Nov. 15	Merced, Fresno, Stanislaus
Wheat	18	2.2	614.0	1,437.2	157,618	23	27	May 20-Sep. 1	Fresno, Imperial, Kings, San Joaquin, Tulare
Other field crops	---	---	---	---	137,658	---	---	---	---
Nursery and flower crops, total:					$1,908,974				
Nursery products d/f/i/	1	24.5	---	---	1,011,412	5	5	Continuous	San Diego, Los Angeles Orange, San Mateo, Ventura
Flowers and foliage d/f/h/	1	24.5	---	---	897,562	7	7	Continuous	San Diego, Monterey, San Mateo, Santa Barbara, Santa Cruz

TABLE G-11 (Continued)

CALIFORNIA'S AGRICULTURAL COMMODITIES: COMMODITY RANKING, ACREAGE, PRODUCTION, VALUE, CROP HARVEST SEASONS, AND LEADING PRODUCING COUNTIES, 1990

Commodity	Rank in U.S. a/	Calif. % of U.S. production	Marketings 1,000 pounds	Cash receipts $1,000 b/	Rank among all California commodities b/ 1989	1990	Leading counties j/
Livestock, poultry and apiary, and fish, total:				$5,515,159			
Cattle and Calves	6	5.0	2,661,120	1,739,859	3	2	Imperial, Tulare, Fresno, San Bernardino
Chickens, all	7	4.5	1,191,280	343,250	14	14	Merced, Stanislaus
Broilers and fryers	9	4.3	1,109,280	338,330	---	---	---
Other	3	8.4	82,000	4,920	---	---	---
Eggs, Chicken	1	11.0	7,472 (Millions of eggs)	433,376	12	12	Riverside, San Diego, San Bernardino, Stanislaus, San Joaquin
Hogs and pigs	26	0.3	65,676	38,486	55	46	Tulare, Merced, Stanislaus
Honey	2	10.3	20,160	10,886	63	61	Riverside, Tulare, Fresno, Imperial, Kings
Milk and cream	2	14.3	20,908,000	2,556,002	1	1	Tulare, San Bernardino, Riverside, Merced, Stanislaus
Sheep and lambs	2	10.0	87,706	44,583	42	45	Kern, Solano, Imperial, Fresno, Merced
Turkeys	3	12.0	723,200	274,816	15	15	Fresno, Stanislaus, Kings, Merced, Tulare
Wool	3	8.7	7,646	6,270	61	63	Kern, Fresno, Solano, Merced
Aquaculture	---	---	---	17,857	58	56	---
Other livestock & poultry		---	---	49,775	---	---	---

a/ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.
b/ Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.
c/ Beginning with 1990 data, berries are listed under fruits instead of vegetables.
d/ Share of U.S. production based on 1987 Census of Agriculture.
e/ From 1990, casabas, crenshaws, and persians were combined into "Others".
f/ Extracted from Agricultural Commissioners' Annual Crop Reports.
g/ The 1990 price and value are based on the 1989 California average price.
h/ Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.
i/ Includes trees, shrubs, vines, bulbs, turf, etc., not included in flowers and foliage category.
j/ Based on values published in the Annual County Agricultural Commissioners' Reports.
k/ The 1990 price and value are based on U.S. average price.
n.a. Not available

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TABLE G-12

CALIFORNIA'S LEADING AGRICULTURAL EXPORTS VALUED AT PORT OF EXPORTATION, 1988 AND 1989

Commodity	Commodity ranking		Value ($1,000)		Percent change	
	1989	1988	1989	1988	1989	1988
Cotton lint	1	1	648,453	678,075	-4	9
Almonds	2	2	491,874	587,129	-16	26
Grapes	3	3	403,321	385,729	5	30
Oranges	4	4	244,743	157,334	56	-13
Beef	5	5	133,077	122,410	9	11
Wheat	6	8	128,490	103,421	24	50
Walnuts	7	7	120,794	103,441	17	-14
Rice	8	6	110,506	117,168	-6	63
Prunes	9	9	101,189	94,772	7	8
Alfalfa & other hay	10	11	83,928	88,412	-5	51
Flowers & nursery	11	19	72,422	37,292	94	15
Tomatoes	12	16	70,955	52,333	36	25
Lemons	13	10	66,642	91,980	-28	22
Strawberries	14	12	64,457	77,817	-17	23
Vegetable seeds	15	14	48,991	61,732	-21	22
Lettuce	16	18	46,889	45,013	4	10
Peaches	17	15	43,871	53,576	-18	22
Plums	18	17	40,657	45,660	-11	15
Onions	19	25	38,583	28,998	33	2
Sweet cherries	20	21	35,437	35,826	-1	49
Dairy	21	13	34,756	71,692	-52	129
Safflower	22	22	34,514	32,467	6	104
Chickens & eggs	23	24	34,042	30,347	12	44
Melons	24	23	29,999	31,676	-5	-24
Broccoli	25	28	29,075	26,855	8	27
Asparagus	26	26	28,680	28,360	1	61
Grapefruit	27	20	26,433	36,040	-27	52
Pistachios	28	35	25,369	15,253	66	53
Dry beans	29	27	24,381	27,464	-11	6
Cottonseed	30	31	24,209	19,907	22	60
Cauliflower	31	33	21,263	16,387	30	25
Potatoes	32	34	20,914	15,430	36	7
Remaining estimated commodities			153,023	147,035		
All other commodities			482,949	527,693		
Total			3,964,886	3,994,724	-1	20

Source: California Agricultural Exports, Annual Bulletin

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TABLE G-13

LIVESTOCK AND POULTRY INVENTORIES, 1990 AND 1991

(In thousands of head)

Item	1990	1991
All cattle and calves	4,800	4,750
Milk cows and heifers that have calved	1,115	1,150
Beef cows and heifers that have calved	935	940
Hogs and pigs	140	180
All stock sheep	775	735
Ewes one year old and over	620	576
Sheep and lambs on feed	225	280
All chickens, excluding broilers	35,800	34,500
Hens and pullets of laying age	30,600	29,000

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TABLE G-14

AVERAGE ANNUAL PRICES RECEIVED BY FARMERS FOR LIVESTOCK, POULTRY, AND RELATED PRODUCTS, 1989 AND 1990

Item	Unit	1989	1990
Beef cattle	cwt.	62.2	65.0
Calves	cwt.	83.2	89.4
Hogs	cwt.	45.7	58.4
Sheep	cwt.	21.1	18.9
Lambs	cwt.	69.3	60.1
Wool	pound	1.37	0.82
Milk	cwt.	12.37	12.02
Eggs	dozen	0.659	0.696
Broilers and fryers	pound	0.345	0.305
Turkeys	pound	0.380	0.380

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TABLE G-15

CASH FARM RECEIPTS FROM LIVESTOCK, POULTRY AND RELATED PRODUCTS, 1986 TO 1990

(In thousands)

	1986	1987	1988	1989	1990
Cattle and calves	1,347,044	1,350,012	1,616,615	1,575,944	1,739,859
Sheep and lambs	57,830	74,034	61,250	53,698	44,583
Hogs and pigs a/	28,134	33,414	20,860	21,617	38,486
Wool	5,431	6,300	10,157	10,445	6,270
Turkeys a/b/	208,926	180,081	200,340	252,472	274,816
Farm chickens a/b/	7,673	5,580	3,996	5,864	4,920
Commercial broilers and fryers a/b/	312,736	341,053	339,094	361,805	338,330
Chicken eggs a/b/	347,362	307,548	297,786	401,825	433,376
Dairy products c/	2,058,238	2,083,001	2,072,368	2,359,206	2,483,332
Honey	14,602	8,085	10,192	9,330	10,886
Other livestock and poultry	47,337	31,076	53,974	40,494	69,022
Total	4,435,313	4,420,184	4,686,632	5,092,700	5,443,880

a/ Marketing year ending December 1.
b/ Cash receipts include value of home consumption.
c/ Milk and cream cash receipts. Does not include value of home consumption.

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TABLE G-16

PRODUCTION OF LIVESTOCK, POULTRY AND RELATED PRODUCTS, 1986 TO 1990

	Unit	1986	1987	1988	1989	1990
Cattle and calves						
Calf crop	Head	1,780,000	1,740,000	1,850,000	1,850,000	1,850,000
Cattle & calves shipped into Calif.	Head	1,220,000	846,000	867,000	814,000	693,000
Cattle and calves slaughtered a/	Head	1,845,000	1,600,000	1,389,000	1,158,400	1,172,400
Hogs and pigs						
Pigs raised, spring	Head	133,000	131,000	133,000	112,000	156,000
Pigs raised, fall	Head	131,000	131,000	119,000	120,000	175,000
Hogs and pigs slaughtered	Head	1,734,000	1,816,000	2,137,000	2,158,700	1,858,600
Sheep and lambs						
Lambs docked	Head	630,000	625,000	590,000	550,000	535,000
Sheep and lambs slaughtered	Head	877,000	883,000	785,000	669,800	n.a.
Milk						
Inventory of milk cows average	Head	1,070,000	1,061,000	1,083,000	1,104,000	1,135,000
Milk production (000)	Pound	17,222,000	17,928,000	18,607,000	19,420,000	20,953,000
Milkfat production (000)	Pound	625,200	650,800	681,000	710,800	758,500
Milk production average per cow	Pound	16,095	16,897	17,181	17,591	18,461
Wool						
Wool production	Pound	8,229,000	7,241,000	7,103,000	7,624,000	7,646,000
Sheep shorn	Head	1,088,000	1,020,000	955,000	990,000	1,015,000
Chicken and eggs						
Chickens sold	Head	19,700,000	18,600,000	22,200,000	17,900,000	20,000,000
Broilers and fryers produced	Head	184,832,000	196,120,000	212,199,000	223,130,000	231,100,000
Inventory of layers, average	Head	32,250,000	33,376,000	31,467,000	30,075,000	29,934,000
Egg production (000)	Eggs	7,850,000	8,023,000	7,718,000	7,317,000	7,472,000
Egg production, average per layer	Eggs	243	240	245	243	250
Turkeys						
Turkeys, raised	Head	21,900,000	25,500,000	26,500,000	30,200,000	32,000,000
Turkeys, produced	Pound	464,280,000	545,700,000	572,400,000	664,400,000	723,200,000

a/ Does not include farm slaughter.
n.a. Not available

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TABLE G-17

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, CALIFORNIA, 1990

Crop	Harvested acreage	Average yield (cwt.)	Production (1,000 cwt.)	Price per cwt. a/	Total value ($1,000)
Asparagus	35,900	29	1,041	$68.00	$70,833
Broccoli	97,500	115	11,213	21.80	244,695
Carrots, all areas	56,100	310	17,391	10.40	180,184
Cauliflower	51,300	120	6,156	24.80	152,929
Celery, all areas	24,800	597	14,812	10.80	159,999
Celery, south coast	12,500	565	7,063	11.30	80,134
Celery, central coast	12,300	630	7,749	10.30	79,865
Chili peppers, dried	4,050	3.36 e/	13,600 f/	1,059.00 g/	14,402
Corn, sweet	20,000	95	1,900	16.70	31,730
Cucumbers for processing	4,700	13.30 e/	62,510 f/	214.00 g/	13,377
Lettuce	162,200	345	55,959	12.20	682,700
Melons, Cantaloup	83,900	150	12,586	9.20	115,782
Melons, Honeydew	19,000	180	3,420	15.80	54,036
Melons, other	3,500	173	604	14.00	8,451
Mushrooms	545	2,440	1,330	96.00	127,701
Onions b/	39,000	378	14,729	8.60	124,694
Potatoes	50,000	356	17,783	10.40	183,580
Sweet potatoes	8,300	175	1,453	16.70	24,265
Tomatoes, fresh market	38,000	255	9,690	28.20	273,258
Tomatoes for processing	310,000	30.02 e/	9,306,000 f/	66.30 g/	617,001
Miscellaneous vegetables c/	211,800	--	39,144	--	689,108
Total d/	1,162,295	--	377,621	--	3,560,880

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.
b/ Production includes quantity harvested but not marketed because of loss during storage (shrinkage). Storage loss amounts are excluded in computing total value. 1990 -- 234,000 cwt.
c/ Miscellaneous vegetables include artichokes, green lima beans for processing, cabbage, cucumbers, garlic, green onions, oriental vegetables, green peas, bell peppers, watermelons, etc.
d/ Potatoes and sweetpotatoes are not included.
e/ Average yield in tons.
f/ Production in tons.
g/ Price per ton.
Note: Strawberry and bushberry data, previously shown in this table, are presented in Table G-18.

Department of Food and Agriculture
California Agricultural Statistics Service
(916) 654-0895

TABLE G-18

BERRY CROPS: ACREAGE, PRODUCTION AND VALUE, CALIFORNIA 1986 TO 1990

	Year	Harvested acres	Average yield per acre (Cwt.)	Total production (000 cwt.)	Price per cwt. ($) a/	Total value ($000)
Boysenberries	1986	510	65	33	72.2	2,383
	1987	450	73	33	71.6	2,364
	1988	400	53	21	181.6	3,814
	1989	460	93	43	121.7	5,232
	1990	450	80	36	130.0	4,680
Olallieberries	1986	200	90	18	79.5	1,431
	1987	150	107	16	79.7	1,275
	1988	200	110	22	93.4	2,054
	1989	200	80	16	78.5	1,256
	1990	200	110	22	80.0	1,760
Raspberries	1986	600	100	60	177.6	10,653
	1987	1,000	82	82	154.6	12,677
	1988	1,500	111	167	158.1	26,407
	1989	1,400	104	145	165.4	23,978
	1990	1,700	104	177	165.1	29,228
Strawberries	1986	14,600	505	7,878	48.9	385,245
	1987	15,600	470	8,225	49.5	407,251
	1988	17,500	450	8,640	45.1	389,830
	1989	20,400	425	8,670	42.9	372,201
	1990	20,000	495	9,900	43.4	429,345

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, F.O.B. shipping point.

TABLE G-19

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE BY COMMODITY, CALIFORNIA, 1990

Crop	Acreage harvested (000)	Yield per acre	Production (000)	Unit	Marketing year average price	Value of production ($1,000)
Corn for grain	160	4.48	716.8	Tons	108.93	78,081
Corn for silage	210	25.00	5,250.0	Tons	---	---
Oats	40	1.20	48.0	Tons	100.00	4,800
Barley	200	1.20	240.0	Tons	110.42	26,500
Winter wheat	560	2.28	1,276.8	Tons	108.33	138,320
Durum wheat	54	2.97	160.4	Tons	121.67	19,515
Rice a/	385	76.00	29,260.0	Cwt	6.50	190,190
Amer-Pima cotton b/	26	1,080.00	57.4	Bales	104.00	28,654
Upland Cotton lint b/	1,090	1,204.00	2,734.0	Bales	75.70	993,426
Cottonseed	---	---	1,089.7	Tons	148.00	161,276
Hay, all	1,630	5.10	8,307.0	Tons	109.00	905,463
Alfalfa hay	1,060	6.60	6,996.0	Tons	---	---
All other hay	570	2.30	1,311.0	Tons	---	---
Dry edible beans c/	168	18.50	3,108.0	Cwt	30.40	94,483
Sugar beets d/	168	26.50	4,452.0	Tons	42.30	188,320

a/ The 1990 price and value are based on U.S. marketing year average price.
b/ Cotton yield in pounds, production in 480 pound gross weight bales, lint price on hundredweight basis.
c/ Excludes beans grown for garden seed.
d/ Relates to year of intended harvest except for overwintered spring planted beets. 1989 average price used as the 1990 price was not available at the time of publication.
n.a. Not available.

Source agency for Tables G-18 and G-19:
Department of Food and Agriculture
California Agricultural Statistics Service, (916) 654-0895

TABLE G-20

TREE FRUIT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE, CALIFORNIA, 1990

Crop	Bearing acres	Production		Value of utilized production	
		Total (tons)	Per bearing acre: (tons)	Price per ton ($) a/	Total value ($1,000)
Apples	29,600	325,000	11.00	310	100,750
Apricots	16,500	115,000	6.97	326	36,824
Avocados	74,600	104,000	1.39	2,290	238,160
Sweet cherries	10,300	22,000	2.14	891	19,610
Dates	5,100	23,000	4.51	873	20,079
Figs	16,400	46,000	2.80	n.a.	n.a.
Grapes, all	637,400	5,085,000	7.98	282	1,432,641
Raisin type b/	270,000	2,345,000	8.69	229	537,605
Table type	78,400	590,000	7.53	415	245,136
Wine type	289,000	2,150,000	7.44	302	649,900
Kiwi Fruit	7,300	39,000	5.34	674	24,264
Nectarines	24,100	211,000	8.76	474	99,940
Olives	29,300	131,000	4.47	473	60,411
Peaches, all	53,100	792,000	14.90	270	198,122
Clingstone	27,300	506,000	18.50	230	102,078
Freestone	25,800	286,000	11.10	336	96,044
Pears, all	22,400	332,000	14.80	251	83,246
Bartlett	19,900	314,000	15.80	242	75,867
Other than Bartlett	2,500	18,000	7.20	410	7,379
Plums	40,700	222,000	5.45	603	133,804
Pomegranates c/	3,100	--	--	--	--
Prunes, dried basis	77,600	147,000	1.89	n.a.	n.a.

a/ Return at processing plant door or packinghouse door.
b/ Raisin type production is the fresh equivalent of dried and not dried.
c/ Reported as miscellaneous after 1989.

Department of Food and Agriculture
Agricultural Statistics Service
(916) 654-0895

TABLE G-21

TREE NUT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE, CALIFORNIA, 1990

Crop	Bearing acres	Production			Value of utilized production	
		Total units	Unit	Per bearing acre	Grower return	Total value ($1,000)
					Cents per pound	
Almonds, shelled a/	407,000	655,000,000	Pounds	1,610	85.0	542,300
Pecans, in-shell	2,500	3,000,000	Pounds	1,200	130.0	3,900
Pistachios, in-shell	51,500	118,000,000	Pounds	2,290	109.0	128,620
					Dollars per ton	
Walnuts, in-shell	178,000	220,000	Tons	1.24	n.a.	n.a.

a/ Price and value are based on the edible portion of the crop only. Included in 1990 production is an inedible quantity of 17 million pounds of no value.

TABLE G-22

CITRUS FRUIT CROPS: ACREAGE, PRODUCTION, PRICE AND VALUE, CALIFORNIA, 1989-90

Crop	Bearing acres	Production a/		Value of production b/	
		Total (1,000 boxes)	Per bearing acre (boxes)	Grower return per box	Total value ($1,000)
Grapefruit, all c/	19,200	17,400	906	4.70	81,674
Desert valley	7,600	7,400	974	4.62	34,182
Other areas	11,600	10,000	862	4.75	47,492
Lemons	47,400	31,400	662	7.58	237,803
Oranges, all	174,800	141,800	811	3.97	562,443
Navel and miscellaneous	106,000	88,200	832	4.06	358,169
Valencia	68,800	53,600	779	3.81	204,274
Tangerines d/	7,300	3,200	438	9.15	29,282

a/ Net weight per box: Grapefruit, Desert Valley - 32 pounds; Grapefruit, Other Areas - 33.5 pounds; Lemons - 38 pounds; Oranges - 37.5 pounds; Tangerines - 37.5 pounds.
b/ Price and value for citrus fruits are based on equivalent packinghouse door returns.
c/ Season average prices for all grapefruit are derived by weighting the season average prices for each area by their box weights.
d/ Includes mandarins and mandarin hybrids, tangelos and tangors.

Source agency for Tables G-21 and G-22:
Department of Food and Agriculture
California Agricultural Statistics Service
(916) 654-0895

TABLE G-23

CALIFORNIA TIMBER PRODUCTION, 1988 TO 1990

(In thousands of board feet)

County	1988	1989	1990
Total	4,625,800	4,364,500	3,997,900
Alpine	9,600	500	1,200
Amador	31,600	101,600	82,600
Butte	146,400	82,300	53,500
Calaveras	99,300	134,500	164,300
Colusa-Sutter	6,500	900	--
Del Norte	191,900	122,900	171,200
El Dorado	217,400	273,600	316,800
Fresno	81,300	89,700	59,600
Glenn	29,200	36,900	34,900
Humboldt	742,700	663,200	609,900
Kern	19,000	7,600	2,500
Lake	42,300	22,600	12,500
Lassen	124,500	107,300	96,000
Madera	62,100	67,700	79,800
Mariposa	86,200	84,400	16,000
Mendocino	474,500	515,300	422,700
Modoc	47,900	51,000	90,400
Mono	7,000	7,800	--
Napa	1,800	1,100	300
Nevada	72,200	97,200	53,800
Placer	120,200	119,700	172,500
Plumas	215,200	257,200	246,500
San Bernardino-Los Angeles	1,400	400	--
San Mateo	14,600	10,300	7,700
Santa Clara	2,300	3,900	4,800
Santa Cruz	15,200	16,600	18,100
Shasta	267,100	202,900	171,800
Sierra	205,500	102,300	82,700
Siskiyou	584,400	527,700	394,100
Sonoma	37,900	50,500	52,200
Tehama	159,800	104,600	133,700
Trinity	319,800	281,500	224,200
Tulare	36,500	58,600	43,600
Tuolumne	135,000	130,900	152,500
Yuba	17,500	29,300	25,500

State Board of Equalization
Research and Statistics Division
(916) 445-0840

TABLE G-24

NET VOLUME OF SAWTIMBER IN CALIFORNIA, 1985

Species	Volume (million board feet) Scribner Rule
Total--all species	280,439
Total softwoods	263,681
Douglas Fir	76,614
Redwood	26,567
White Fir	48,608
Ponderosa Pine	36,017
Sugar Pine	20,177
Incense Cedar	13,293
Jeffrey Pine	13,654
California Red Fir	19,199
Shasta Red Fir	882
Lodgepole Pine	3,953
Grand Fir	380
Bishop Pine	236
Sitka Spruce	174
Digger Pine	146
Western Hemlock	148
Western White Pine	1,829
Knobcone Pine	158
All other Softwoods	1,706
Total Hardwoods	16,758
Tanoak	5,074
California Black Oak	5,432
Pacific Madrone	2,676
Canyon Live Oak	1,507
California Laurel	530
Red Alder	330
California Live Oak	299
Bigleaf Maple	176
Oregon White Oak	184
All other Hardwoods	550

Source: U.S. Forest Service, Pacific Northwest Forest and Range Experiment Station, Portland, Oregon 1985.

Department of Forestry
Forest and Rangeland Resources Assessment Program
(916) 322-1945

TABLE G-25

AREA OF COMMERCIAL FOREST LAND AND OWNERSHIPS, CALIFORNIA, 1986

(In thousands of acres)

County	U.S. Forest Service	Public, other than national forest	Forest industry	Other private timber growers	Other private	Total private	Total, all ownerships	Timber production zone
Total	8,282	510	2,760	1,435	3,264	7,459	16,251	5,495
Alpine	69	1	---	---	14	14	84	5
Amador	26	3	23	2	31	56	85	28
Butte	116	12	120	15	92	227	355	123
Calaveras	66	7	66	---	71	137	210	71
Colusa	23	---	1	1	7	9	32	---
Del Norte	231	1	100	35	27	162	394	146
El Dorado	301	7	119	2	117	238	546	166
Fresno	290	1	3	7	22	32	323	19
Glenn	79	---	18	---	6	24	103	31
Humboldt	273	124	541	49	567	1,157	1,554	973
Inyo	---	2	---	2	---	2	4	---
Kern	87	3	---	---	26	26	116	---
Lake	108	11	8	3	53	64	183	23
Lassen	376	24	94	173	42	309	709	311
Los Angeles	27	---	---	---	---	---	27	---
Madera	213	---	5	9	12	26	239	4
Marin	---	---	---	---	16	16	16	---
Mariposa	100	2	1	---	40	41	143	6
Mendocino	114	127	487	38	575	1,100	1,341	857
Modoc	339	5	36	136	49	221	565	185
Mono	162	1	---	---	7	7	170	---
Monterey	22	1	---	---	28	28	51	---
Napa	---	1	1	1	24	26	27	---
Nevada	130	14	5	55	137	197	341	85
Placer	238	11	63	32	79	174	423	126
Plumas	959	4	138	77	82	297	1,260	219
Riverside	21	1	---	---	2	2	24	---
San Bernardino	94	---	---	---	5	5	99	---
San Diego	12	5	---	---	4	4	21	---
San Luis Obispo	---	---	1	---	5	6	6	---
San Mateo	---	2	8	4	49	61	63	31
Santa Clara	---	1	---	---	31	31	32	---
Santa Cruz	---	2	7	4	118	129	131	65
Shasta	407	37	265	304	169	738	1,182	645
Sierra	346	2	27	22	44	93	441	77
Siskiyou	1,396	20	230	259	209	698	2,114	571
Sonoma	---	11	33	19	261	313	324	82
Sutter	---	---	1	---	3	4	4	---
Tehama	189	3	195	4	35	234	426	240
Trinity	672	39	98	161	111	370	1,081	291
Tulare	373	16	---	---	16	16	405	7
Tuolumne	358	7	60	---	50	110	475	75
Ventura	29	---	---	---	1	1	30	---
Yolo	---	---	1	---	4	5	5	---
Yuba	36	2	5	21	23	49	87	32

Source: Pacific Northwest Forest and Range Experiment Station, 1985.
California Department of Forestry, Forest and Rangeland Resources Assessment Program, 1986.

Department of Forestry
Forest and Rangeland Resources Assessment Program
(916) 322-1945

TABLE G-26

AREA AND COMMERCIAL FOREST LAND MANAGED BY U.S. FOREST SERVICE, CALIFORNIA, 1985

(In thousands of acres)

National forest or management unit	Total land area	Commercial forest land a/
Total	20,578	8,286
Angeles	654	27
Cleveland	421	12
El Dorado	674	323
Inyo	1,826	164
Klamath	1,681	1,022
Lassen	1,060	737
Los Padres	1,753	67
Mendocino	884	410
Modoc	1,654	453
Plumas	1,155	975
Rogue River	54	34
San Bernardino	658	116
Sequoia	1,124	487
Shasta	1,133	566
Sierra	1,303	475
Siskiyou	33	22
Six Rivers	988	646
Stanislaus	899	511
Tahoe	817	636
Tahoe Basin Management Unit	128	62
Toiyabe	634	82
Trinity	1,045	459

a/ Land capable of producing 20 cubic feet or more per acre per year of industrial wood, and not withdrawn by statute, ordinance, or administrative order from timber utilization.

Source: U.S. Forest Service Region 5 Office in San Francisco, 1986. Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, 1985.

Department of Forestry
Forest and Rangeland Resources Assessment Program
(916) 322-1945

TABLE G-27

SELECTED STATISTICS ON MINERAL INDUSTRIES, CALIFORNIA, 1987

(Dollar amounts in thousands)

	Amount
Number of establishments	
Total	1,387
Metal mining	99
Coal mining	12
Oil and gas extraction	936
Nonmetallic minerals, except fuels	340
Employees	
Total	44,100
Metal mining	a/
Coal mining	b/
Oil and gas extraction	32,500
Nonmetallic minerals, except fuels	9,100
Value added	
Total	$6,484,200
Metal mining	255,800
Coal mining	600
Oil and gas extraction	5,215,700
Nonmetallic minerals, except fuels	1,012,100
Capital expenditures	
Total	$939,900
Metal mining	57,200
Coal mining	100
Oil and gas extraction	792,300
Nonmetallic minerals, except fuels	90,300

a/ Withheld to avoid disclosing data for individual companies. Employment size range: 1,000 to 2,499 employees.
b/ Withheld to avoid disclosing data for individual companies. Employment size range: 250 to 499 employees.

Source: U.S. Bureau of the Census, 1987 Census of Mineral Industries

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE G-28

PRODUCING WELLS AND PRODUCTION OF OIL, GAS, AND WATER BY COUNTY, 1990 a/

County	Number of wells: Oil: Production	Number of wells: Oil: Shut-in	Number of wells: Gas: Production	Number of wells: Gas: Shut-in	Oil production (bbl)	Net gas production (mcf): Associated (from oil zones)	Net gas production (mcf): Nonassociated (from gas zones)	Net gas production (mcf): Total	Water production
Total	49,706	23,723	1,370	649	320,782,333	189,716,472	130,611,444	320,327,916	2,378,575,844
Value ($ thous.)					$4,811,735			$720,738	
Alameda	6	2	0	0	19,053	0	0	0	13,322
Butte	0	0	8	14	0	0	405,456	405,456	54,200
Colusa	0	0	187	41	0	0	15,106,761	15,106,761	149,030
Contra Costa	36	17	36	27	77,115 b/	126,820	2,785,111	2,911,931	2,278,429
Fresno	2,609	1,670	0	10	13,076,720	18,470,279	0	18,470,279	118,121,812
Glenn	0	0	166	44	0	0	8,657,268	8,657,268	135,094
Humboldt	0	3	34	5	0	0	2,083,376	2,083,376	9,382
Kern	34,981	13,522	120	90	229,544,511 c/	124,860,505	7,366,900	132,227,405	1,288,587,440
Kings	138	181	1	14	177,954	1,276,808	330	1,277,138	774,680
Los Angeles	4,918	3,012	8	15	41,501,077 d/	17,916,117	870,935	18,787,052	595,629,115
Madera	0	0	18	35	0 e/	0	2,519,262	2,519,262	64,075
Monterey	558	820	0	0	4,127,637	3,640	0	3,640	75,252,614
Orange	2,470	1,077	0	0	9,657,140	3,965,163	0	3,965,163	115,054,224
Riverside	11	5	1	0	13,475	24,597	1,773	26,370	10,674
Sacramento	0	0	108	46	0 f/	0	9,931,616	9,931,616	134,067
San Benito	28	28	1	8	35,155	1,320	3,383	4,703	301,722
San Bernardino	39	9	0	0	34,820	0	0	0	114,617
San Joaquin	0	0	95	34	0 g/	0	16,888,336	16,888,336	333,344
San Luis Obispo	311	219	0	0	681,147	470,115	0	470,115	5,054,265
San Mateo	26	13	0	0	11,055	281	0	281	129,357
Santa Barbara	1,165	1,877	18	13	7,968,623 h/	8,017,775	340,226	8,358,001	111,265,105
Santa Clara	3	17	0	0	6,188	0	0	0	2,035
Solano	0	0	220	81	0 i/	0	33,472,322	33,472,322	647,728
Sonoma	0	1	1	9	0	0	38,827	38,827	0
Sutter	0	0	201	51	0	0	15,744,172	15,744,172	259,942
Tehama	0	0	63	19	0	0	4,423,945	4,423,945	37,093
Tulare	55	44	5	19	56,139	0	26,366	26,366	3,055,339
Ventura	2,352	1,206	3	1	13,794,524	14,583,052	18,348	14,601,400	60,954,553
Yolo	0	0	76	73	0 j/	0	9,926,731	9,926,731	152,586

a/ Does not include federal OCS figures.
b/ Produced 2,058 barrels of condensate from gas fields or zones.
c/ Produced 38,108 barrels of condensate from gas fields or zones.
d/ Produced 6,929 barrels of condensate from gas fields or zones.
e/ Produced 87 barrels of condensate from gas fields or zones.
f/ Produced 2,601 barrels of condensate from gas fields or zones.
g/ Produced 359 barrels of condensate from gas fields or zones.
h/ Produced 6,135 barrels of condensate from gas fields or zones.
i/ Produced 118,138 barrels of condensate from gas fields or zones
j/ Produced 7 barrels of condensate from gas fields or zones.

Department of Conservation
Division of Oil and Gas, (916) 323-1779

TABLE G-29

CALIFORNIA MINERAL PRODUCTION, 1988 TO 1990 a/

Nonfuel minerals	Unit	1988 Quantity	1988 Value ($1,000)	1989 Quantity	1989 Value ($1,000)	1990 e/ Quantity	1990 e/ Value ($1,000)
Boron minerals b/	thousand metric tons	578	429,667	562	429,806	565	404,476
Cement (Masonry)	thousand short tons	8	730	w	w	w	w
Cement (Portland)	do	10,423	601,152	10,911	642,020	10,500	619,500
Clays	metric tons	2,015,488	31,620	2,195,830	39,243	2,342,092	41,222
Gem stones		n.a.	3,365	n.a.	2,982	n.a.	2,400
Gold (recoverable content of ores, etc.)	kilograms	22,442	316,246	29,804	366,595	32,000	390,952
Gypsum	thousand short tons	1,490	11,222	1,734	13,066	1,771	13,743
Lime	do	458	20,242	395	24,503	366	22,703
Peat	do	2	119	--	--	--	--
Pumice	short tons	35,000	1,245	79	4,612	w	w
Sand and gravel:							
Construction	thousand short tons	141,946	622,074	138,300 e/	670,800 e/	127,200	623,200
Industrial	do	2,444	42,078	2,426	43,863	2,400	45,500
Silver (recoverable content of ores, etc.)	metric tons	15	3,148	21	3,650	18	2,894
Stone:							
Crushed	thousand short tons	49,100 e/	275,000 e/	54,887	238,034	44,000	200,600
Dimension	short tons	42,048 e/	5,991 e/	28,829	5,564	30,077	5,213
Combined value of asbestos, barite (1988), calcium chloride (natural) (1988-89), copper, diatomite, feldspar, iron ore (incl's byproduct material), magnesium compounds, mercury, molybdenum, perlite, potash, rare-earth metal concentrates, salt, soa ash, sodium sulfate (natural), talc and prophyllite, titanium concentrates (ilmenite, 1989), tungsten ore concentrates, and values indicated by symbol 'w'		z	334,755	z	369,468	z	349,940
Total		z	2,698,654	z	2,854,206	z	2,722,343

a/ Production as measured by mine shipments, sales, or marketable production (including consumption by producers).
b/ Beginning with 1989, data reported in B203; 1988 data converted.
e/ Estimated.
n.a. Not available.
w Withheld to avoid disclosing company proprietary data, included with "Combined value" figure.
z Not applicable.

Source: U.S. Bureau of Mines

Department of Conservation
Division of Mines and Geology
(916) 322-9917

TABLE G-30

POUNDAGE AND VALUE OF LANDINGS OF COMMERCIAL FISH CALIFORNIA, 1990 p/

Species	Landings (In pounds)	Value
Fishes:		
Anchovy, Northern	7,073,120	$603,466
Barracuda, California	169,771	97,751
Bass	7,237	10,670
Bonito, Pacific	9,577,760	1,934,750
Butterfish, Pacific	29,475	16,431
Cabezon	26,529	9,730
Cod, Pacific	12	3
Croaker	732,927	327,617
Dolphinfish	1,515	1,967
Eel	13,264	9,082
Eulachon	20	20
Flounder	235,747	66,916
Flying fish	83,889	33,616
Garibaldi	43	128
Goby, Bluebanded	23	107
Greenling, Kelp	6,559	4,869
Grenadiers	176,963	26,809
Guitarfish, Shovelnose	52,409	20,227
Hagfish	4,636,780	2,040,490
Hake, Pacific	12,166,700	773,947
Halfmoon	5,039	4,023
Halibut	922,860	2,123,062
Herring	16,579,250	8,539,320
Jacksmelt	3,590	1,613
Kelpfishes	304	91
Lingcod	2,463,950	970,444
Lizardfish, California	20,657	4,526
Louvar	14,105	44,997
Mackerel	95,542,000	5,774,810
Midshipman, Plainfin	33	--
Mola, Common	18	--
Monkeyface-eel	92	--
Mudsucker, Longjaw	253	1,265
Mullet, Striped	19,348	13,215
Opah	103,713	56,030
Opaleye	6,945	4,046
Queenfish	4,142	--
Rockfish	28,665,674	11,361,547
Sablefish	7,959,920	3,447,700
Salmon	4,428,602	12,014,975
Sanddab	1,438,569	438,255
Sardine, Pacific	3,668,980	178,593
Sargo	109	76
Scorpionfish, Spotted	8,407	12,554
Sculpin, Staghorn	85,188	167,322
Seabass, White	133,748	287,040
Shark	1,577,359	1,748,878
Sheephead, California	123,526	456,435
Silversides	1,451	769
Skate	144,256	39,619
Smelt	900,510	232,566
Sole	19,316,464	6,342,712
Stingray	240	92
Surfperch	137,700	124,178
Fishes (Cont.):		
Swordfish	1,872,910	7,138,140
Thornyhead	11,960,900	4,604,970
Tomcod, Pacific	392	784
Trawled fish, animal food	76,274	--
Tuna	27,776,596	25,239,740
Turbot	20,164	$6,459
Wahoo	10,587	11,007
Whitefish, Ocean	6,074	5,463
Wolf-Eel	2,271	1,045
Yellowfin, Goby	541	3,426
Yellowtail	125,312	124,495
Zebraperch	1,520	1,096
Unspecified fish	25,625	16,423
Crustaceans:		
Crab	12,479,765	18,200,375
Lobster, California Spiny	701,746	3,936,750
Prawn	450,650	1,890,956
Shrimp	10,405,542	4,883,989
Echinoderms:		
Cucumber, Sea	146,784	35,780
Urchin	45,346,968	24,698,253
Mollusks:		
Abalone	512,847	2,508,884
Clam	47,102	29,125
Limpet	1,063	1,170
Mussel	17,928	10,762
Octopus	37,786	29,930
Oyster, European Flat	114	46
Sea snails	24,768	9,697
Squid	62,709,770	4,683,634
Whelk	1,622	714
Plants:		
Algae, Marine	36	52
Kelp	29	12
Unidentified group:		
Invertebrates, Colonial	330	3,300
Unspecified	572	832
Total	394,032,256	$158,446,688
By ports:		
Eureka	80,775,700	$39,821,400
San Francisco	48,311,600	29,314,300
Monterey	36,484,400	9,385,100
Santa Barbara	65,098,400	30,049,500
Los Angeles	159,569,000	43,917,000
San Diego	3,793,300	5,959,300

p/ Preliminary

Department of Fish and Game
Marine Resources Division, Marine Fisheries Statistics Unit
(213) 590-5141

TABLE G-31

NUMBER OF FISHING AND HUNTING LICENSES, CALIFORNIA 1970–71 TO 1990–91

Fiscal year	License buyers				Number of licensed pheasant clubs	Number of permits in waterfowl areas
	Angling	Angling stamps	Hunting	Deer and bear tags		
1970-71	2,286,195	3,545,528	696,651	402,477	208	99,962
1971-72	2,182,969	3,325,260	650,364	382,930	214	69,328
1972-73	2,331,191	3,561,995	674,034	418,219	204	99,284
1973-74	2,360,586	3,653,227	667,271	378,730	186	110,823
1974-75	2,290,270	3,409,510	609,072	359,323	173	116,964
1975-76	2,251,081	3,270,994	584,256	353,713	220	106,110
1976-77	2,168,030	3,144,550	565,207	338,469	153	78,068
1977-78	2,383,546	3,603,020	534,454	305,638	156	87,597
1978-79	2,389,844	3,637,061	540,944	296,027	148	81,654
1979-80	2,449,354	3,826,637	534,618	322,326	144	82,809
1980-81	2,464,463	3,850,488	555,232	326,245	144	82,921
1981-82	2,539,946	3,907,456	542,015	335,974	142	71,620
1982-83	2,529,593	4,380,343	531,944	334,412	144	79,859
1983-84	2,434,223	4,223,464	506,000	293,670	145	79,950
1984-85	2,450,992	1,205,746	487,688	264,651	140	75,854
1985-86	2,363,704	1,142,737	456,977	266,220	175	67,325
1986-87	2,218,298	1,096,468	435,522	248,447	133	46,735
1987-88	2,651,790	1,039,102	421,289	246,376	173	48,230
1988-89	2,456,259	1,052,966	398,519	233,448	167	35,218
1989-90	2,447,591	1,030,619	388,838	213,966 a/	168	38,238
1990-91	2,358,551	999,638	368,872	276,163	167	40,148

a/ No bear hunt in 1989-90.

Department of Fish and Game
License and Revenue Branch
(916) 739-3562

SECTION H

MANUFACTURING

This section presents data on manufacturing industries summarized from the U.S. Census of Manufactures and the Annual Survey of Manufactures conducted by the U.S. Bureau of the Census. Detailed information for individual industries and local areas are also available in the published reports of the Bureau of the Census. Data on manufacturing firms by county and by number of employees are compiled from reports published by the Employment Development Department. Information on California's defense-aerospace manufacturing sector is obtained primarily from reports of the U.S. Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the California Employment Development Department. Material from these and other sources has been summarized by the Department of Finance.

TABLE H-1

MANUFACTURING FIRMS BY SIZE OF EMPLOYMENT CALIFORNIA, 1982 TO 1990 a/

Number of employees	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	41,187	41,617	42,661	42,883	42,572	48,086	48,877	47,421	48,474
0- 3	11,106	10,831							
0- 4			13,698	13,539	13,426	17,141	17,395	16,140	16,915
4- 9	10,003	9,958							
5- 9			7,487	7,782	7,708	8,248	8,441	8,379	8,431
10- 19	7,159	7,259	7,219	7,308	7,325	7,786	7,920	7,760	8,031
20- 49	6,702	7,020	7,267	7,305	7,206	7,744	7,724	7,718	7,727
50- 99	2,980	3,140	3,301	3,327	3,327	3,471	3,571	3,589	3,575
100-249	2,054	2,217	2,372	2,356	2,342	2,426	2,480	2,486	2,480
250-499	702	697	792	756	740	753	814	819	788
500-999	284	303	323	306	291	317	314	313	323
1,000 and over	197	192	202	204	207	200	218	217	204

a/ Firms reporting employment covered by unemployment insurance during the third quarter (July-September) of each year.

Source: California Employment Development Department, Report 524. "California Unemployment Insurance Reporting Units by Size, Industry, and County."

TABLE H-2

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED, AND CAPITAL EXPENDITURES, CALIFORNIA 1960 TO 1987

	All employees		Production workers			Value added by	New capital
Year	Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)	manufacture ($ mill.)	expenditures ($ mill.)
1960	1,306.4	7,974.5	869.4	1,734.3	4,564.2	14,174.4	774.8
1961	1,304.6	8,203.9	859.7	1,713.4	4,640.0	14,305.0	696.7
1962	1,359.1	8,976.0	886.8	1,791.1	5,010.9	15,868.4	912.2
1963	1,397.6	9,612.2	897.3	1,791.4	5,195.2	17,185.0	985.1
1964	1,383.7	9,904.7	879.7	1,770.2	5,234.5	18,016.9	1,032.4
1965	1,400.6	10,301.3	911.8	1,838.2	5,582.6	18,950.3	1,181.5
1966	1,501.8	11,381.4	984.0	1,981.9	6,266.6	21,331.1	1,471.2
1967	1,583.5	12,514.5	1,044.9	2,089.7	6,877.8	23,393.6	1,529.2
1968	1,610.3	13,378.9	1,061.6	2,112.9	7,377.8	25,348.3	1,536.3
1969	1,631.8	14,151.1	1,075.2	2,199.6	7,701.1	27,016.9	1,720.9
1970	1,553.1	14,056.8	1,003.9	1,981.3	7,556.3	26,358.3	1,567.4
1971	1,447.3	13,799.1	937.2	1,843.5	7,382.3	27,568.2	1,416.9
1972	1,545.1	15,483.1	1,020.0	1,974.9	8,430.4	31,175.2	1,649.0
1973	1,641.2	17,116.2	1,097.2	2,137.6	9,413.9	36,727.6	1,917.2
1974	1,650.8	18,841.3	1,083.7	2,116.4	10,089.4	40,599.3	2,582.8
1975	1,540.5	19,303.2	993.4	1,920.3	10,189.9	40,082.4	2,572.8
1976	1,600.1	21,214.7	1,041.3	2,021.8	11,202.3	46,297.4	2,867.1
1977	1,751.5	24,671.5	1,142.6	2,224.2	13,150.5	54,862.4	3,385.4
1978	1,903.1	28,486.4	1,240.0	2,376.8	15,112.2	62,510.4	4,493.1
1982 a/	2,005.0	42,636.4	1,209.4	2,317.9	20,564.8	94,374.0 b/	8,443.6
1983	1,984.3	44,845.2	1,191.8	2,304.4	21,171.3	97,081.0	6,932.4
1984	2,038.0	48,863.7	1,231.2	2,401.5	23,014.6	108,372.5	8,757.1
1985	2,016.6	51,377.1	1,193.0	2,309.5	23,600.5	111,365.5	9,157.8
1986	1,973.6	52,295.5	1,147.8	2,248.5	23,767.5	112,968.4	8,072.5
1987	2,104.3	57,147.8	1,240.2	2,432.9	25,697.0	132,637.5	8,571.7

a/ Annual Survey of Manufactures, Geographic Area Statistics not published for years 1979 - 1981.
b/ Due to a change in inventory reporting instructions, data from 1982 on are not comparable to prior year data.

Source: U.S. Department of Commerce, Bureau of the Census, Annual Survey of Manufactures, Geographic Area Statistics, and Census of Manufactures, Geographic Area Series.

Department of Finance
Financial and Economic Research Unit, (916) 322-2263

TABLE H-3

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED, AND CAPITAL EXPENDITURES FOR SELECTED COUNTIES, 1987 a/

County	Number of establishments	All employees		Production workers			Value added by manufacture ($ mill.)	New capital expenditures ($ mill.)
		Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)		
California	49,930	2,104.3	57,147.8	1,240.2	2,432.9	25,697.0	132,637.5	8,571.7
Alameda	2,452	79.3	2,212.9	47.3	93.3	1,086.9	6,882.6	310.2
Butte	222	5.7	107.7	4.4	8.5	78.5	274.3	20.5
Contra Costa	759	27.8	855.9	14.7	29.4	403.8	2,596.7	488.0
Fresno	678	21.1	442.4	14.8	28.7	262.5	1,309.9	71.9
Humboldt	264	6.7	160.2	5.1	10.7	119.0	469.8	48.6
Kern	357	7.7	174.0	5.1	9.8	98.3	532.5	51.2
Los Angeles	19,753	881.0	23,114.7	557.2	1,089.9	11,239.9	50,905.6	2,995.5
Marin	386	5.9	139.9	3.0	5.9	55.3	275.8	13.5
Merced	120	7.3	137.9	5.8	11.8	102.2	379.6	21.9
Monterey	252	7.8	182.7	4.9	9.0	101.7	603.6	30.7
Orange	5,855	254.6	6,786.3	147.0	294.4	3,081.8	14,860.0	881.6
Placer	206	5.7	131.6	3.5	6.8	70.8	412.0	28.4
Riverside	979	34.9	759.9	23.3	45.6	423.8	1,773.5	113.5
Sacramento	902	28.1	695.6	16.4	32.3	329.7	1,784.9	116.0
San Bernardino	1,515	50.8	1,164.9	34.4	68.8	657.3	2,780.2	159.7
San Diego	3,041	120.0	3,236.3	67.4	129.2	1,369.1	6,426.8	429.0
San Francisco	1,695	43.8	1,174.9	25.5	46.0	458.4	2,745.0	84.3
San Joaquin	535	25.8	581.1	19.4	37.6	400.3	1,880.9	139.0
San Luis Obisp	234	5.3	100.1	3.4	6.4	56.3	283.8	12.2
San Mateo	1,072	32.2	955.1	16.6	33.7	373.8	2,353.8	126.7
Santa Barbara	523	20.2	563.0	8.6	17.1	163.9	1,023.6	53.8
Santa Clara	3,298	275.7	9,742.1	104.6	208.9	2,562.7	20,865.3	1,742.9
Santa Cruz	375	12.2	288.2	8.4	15.2	147.6	995.7	64.7
Shasta	239	5.0	117.6	3.7	7.1	84.9	338.7	17.3
Solano	232	6.3	164.1	4.3	8.3	101.5	703.7	54.9
Sonoma	657	19.2	467.1	12.0	23.0	252.0	1,090.2	58.6
Stanislaus	379	23.2	531.9	17.4	34.1	354.9	2,209.2	130.6
Tulare	301	11.2	216.7	8.4	16.3	150.5	705.9	32.4
Ventura	836	34.6	920.2	19.9	39.6	414.7	2,201.3	98.2
Yolo	172	6.1	138.1	4.2	8.1	86.1	527.3	22.5

a/ Selected counties have 5,000 or more employees.

Source: U.S. Department of Commerce, Bureau of the Census, 1987 Census of Manufacturers.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-4

MANUFACTURERS: EMPLOYMENT, PAYROLL, VALUE ADDED AND CAPITAL EXPENDITURES BY INDUSTRY GROUP, 1987

Industry group	All employees		Production workers			Value added by manufacture	New capital expenditures
	Number (000)	Payroll ($ mill.)	Number (000)	Hours (mill.)	Wages ($ mill.)	($ mill.)	($ mill.)
California	2,104.3	57,147.8	1,240.2	2,432.9	25,697.0	132,637.5	8,571.7
Food and kindred products	162.2	3,690.2	115.6	222.2	2,315.2	15,542.2	751.7
Textile mill products	a/	a/	a/	a/	a/	a/	a/
Apparel and other textile products	126.8	1,658.7	103.1	175.6	1,058.2	3,988.2	73.4
Lumber and wood products	64.6	1,321.3	53.4	106.9	990.9	2,847.5	163.1
Furniture and fixtures	64.4	1,128.3	51.3	101.4	767.7	2,531.4	86.3
Paper and allied products	36.5	999.7	27.9	58.4	703.2	2,800.0	254.4
Printing and publishing	156.5	3,614.4	81.6	154.9	1,680.9	9,544.2	452.7
Chemicals and allied products	54.1	1,543.5	26.5	53.3	585.8	5,449.2	368.1
Petroleum and coal products	15.1	578.2	9.6	19.6	340.3	2,913.7	617.1
Rubber and miscellaneous plastics products	79.9	1,656.5	59.8	120.3	971.8	4,248.1	294.5
Leather and leather products	a/	a/	a/	a/	a/	a/	a/
Stone, clay and glass products	49.0	1,260.9	37.7	77.9	888.5	3,525.8	219.4
Primary metal industries	35.0	830.6	27.1	55.6	562.6	1,935.1	317.3
Fabricated metal products	144.2	3,421.3	106.6	217.5	2,168.8	7,441.7	377.4
Industrial machinery and equip	214.4	6,499.6	109.5	219.3	2,460.4	15,737.1	1,080.1
Electronic and other electric equipment	259.8	7,110.8	142.3	286.3	2,860.7	16,450.8	1,430.3
Transportation equipment	296.1	10,492.1	152.8	295.9	4,365.1	21,666.3	1,262.5
Instruments and related products	192.0	6,198.4	90.5	180.5	2,336.7	13,374.7	715.5
Miscellaneous manufacturing industries	38.1	716.0	26.9	51.7	398.2	1,764.2	a/

a/ Withheld to avoid disclosing data for individual companies; data are included in total.

Source: U.S. Department of Commerce, Bureau of the Census, 1987 Census of Manufactures, Geographic Area Series.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-5

EMPLOYMENT IN AEROSPACE AND ELECTRONICS INDUSTRIES, CALIFORNIA, 1972 TO 1990 a/

(In thousands)

Year	Total	Office and computing machines	Radio and T.V. receiving equipment	Communi-cation equipment	Electronic components and accessories	Aircraft and parts	Guided missiles and space vehicles	Measuring and controlling devices
1972 SIC								
1972	427.4	52.1	15.0	95.1	52.0	135.4	52.8	25.1
1973	462.8	61.4	15.5	100.0	68.9	135.6	51.0	30.5
1974	485.8	69.7	15.8	102.6	78.5	134.9	51.7	32.7
1975	450.5	63.3	14.9	103.0	65.7	121.3	52.0	30.2
1976	449.6	62.3	16.1	105.4	74.8	108.5	50.0	32.5
1977	465.2	67.0	16.6	108.4	82.3	109.4	48.0	33.5
1978	518.8	80.1	17.8	119.1	97.3	117.5	49.6	37.4
1979	590.6	92.2	18.0	129.6	114.6	140.4	54.0	41.9
1980	632.6	97.9	17.6	137.3	124.2	151.0	58.6	46.0
1981	647.1	98.4	17.3	146.5	126.1	147.9	62.7	48.2
1982	658.3	103.9	14.9	157.2	131.0	137.3	66.4	47.6
1983	672.0	109.9	13.5	158.7	139.8	133.3	69.3	47.5
1984	730.0	117.9	13.7	167.2	165.3	141.1	73.8	51.1
1985	753.7	111.4	13.6	179.1	160.8	156.7	78.1	54.1
1986	752.0	107.2	14.0	179.5	148.6	167.4	81.0	54.3
1987	752.2	105.8	14.5	174.3	150.4	171.6	81.1	54.5

	Total High Tech-nology	Aerospace			Electronics			
		Aircraft and parts	Missiles and space vehicles	Search and navigation instruments	Office and computing machines	Communi-cations equipment	Electronic components	Laboratory measuring, controlling instruments
1987 SIC								
1988	725.5	163.6	81.9	126.7	102.9	31.7	147.8	70.9
1989	718.0	165.6	79.9	114.5	105.7	32.5	146.5	73.3
1990	692.8	165.4	78.1	101.9	104.1	30.7	142.0	70.5

a/ Wage and salary workers.

Employment Development Department
Labor Market Information Division
Guides and Economic Research Group
(916) 427-4658

TABLE H-6

PRIVATELY OWNED MANUFACTURING FIRMS, CALIFORNIA, 1989 a/

County	Number of firms	Employment	County	Number of firms	Employment
Total b/	47,549	2,157,695	Orange	5,534	255,759
			Placer	215	7,063
Alameda	2,262	82,336	Plumas	47	1,028
Alpine	c/	c/	Riverside	928	33,901
Amador	62	1,026	Sacramento	841	28,784
Butte	233	5,761	San Benito	49	2,159
Calaveras	48	360	San Bernardino	1,303	49,892
Colusa	13	538	San Diego	2,870	132,001
Contra Costa	720	31,667	San Francisco	1,484	41,155
Del Norte	41	792	San Joaquin	480	24,495
El Dorado	142	1,946	San Luis Obispo	231	5,939
Fresno	657	24,332	San Mateo	1,080	36,115
Glenn	34	1,500	Santa Barbara	503	21,933
Humboldt	235	6,378	Santa Clara	3,228	274,547
Imperial	55	1,544	Santa Cruz	338	13,351
Inyo	15	277	Shasta	223	5,020
Kern	352	10,844	Sierra	c/	c/
Kings	50	5,074	Siskiyou	105	1,902
Lake	36	342	Solano	238	7,221
Lassen	27	845	Sonoma	691	19,582
Los Angeles	18,552	887,067	Stanislaus	341	25,799
Madera	74	3,942	Sutter	65	2,305
Marin	348	5,366	Tehama	63	2,661
Mariposa	24	193	Trinity	31	443
Mendocino	184	5,313	Tulare	256	11,595
Merced	113	9,054	Tuolumne	70	1,268
Modoc	15	115	Ventura	819	32,509
Mono	8	25	Yolo	156	6,729
Monterey	248	10,405	Yuba	58	1,183
Napa	198	5,547			
Nevada	131	3,020	Unallocated by county	432	5,733

a/ Averaged from January-December 1989.
b/ Detail may not add to total due to independent rounding.
c/ Counties not shown are included in "Unallocated by county" to avoid disclosure of confidential information.

Source: California Employment Development Department. Report 127.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE H-7

DEPARTMENT OF DEFENSE PRIME CONTRACTS TO CALIFORNIA OVER $25,000 BY PROGRAM 1985-86 TO 1989-90

(Amounts in millions)

Procurement program	1985-86	1986-87	1987-88	1988-89	1989-90
Total	$27,737.8	$24,514.5	$23,457.7	$23,124.7	$22,312.4
Percent of U.S.	20.4	18.4	18.7	19.3	18.4
Airframes and spares	5,822.9	2,468.2	3,758.1	3,486.9	3,379.5
Aircraft engines and spares	164.9	94.2	234.0	174.4	150.0
Other aircraft equipment	954.4	786.7	701.9	769.8	653.6
Missile and space systems	7,378.0	7,365.5	7,374.4	7,151.8	6,641.7
Ships	735.6	1,501.8	766.4	939.5	800.7
Combat vehicles	616.7	579.7	572.5	596.3	388.7
Non-combat vehicles	17.0	10.7	8.1	10.0	8.4
Weapons	1,080.9	1,092.5	719.3	512.8	502.5
Ammunition	750.1	721.3	746.4	789.2	487.1
Electronics and communication equipment	4,206.1	4,434.8	3,343.6	3,370.7	3,863.7
Petroleum	1,913.0	837.2	847.3	461.5	558.7
Other fuels and lubricants	3.7	0.9	3.0	1.9	3.4
Containers and handling equipment	1.7	0.6	1.4	3.1	1.1
Textiles, clothing and equipage	15.1	29.5	23.7	17.5	12.7
Building supplies	3.5	4.9	8.8	12.2	4.8
Subsistence	182.7	172.6	184.5	194.1	195.7
Transportation equipment	---	a/	---	---	---
Production equipment	30.7	44.5	36.1	48.6	43.4
Construction	1,084.0	1,401.7	1,043.0	1,227.0	916.4
Construction equipment	1.7	0.5	0.9	0.2	0.8
Medical & dental supplies and equipment	23.9	19.4	29.6	26.5	32.9
Photographic supplies and equipment	30.4	19.7	19.0	8.5	11.7
Materials handling equipment	11.1	6.4	5.2	5.3	7.3
All other supplies and equipment	666.0	727.2	622.0	599.1	662.1
Services	2,043.9	2,193.9	2,408.7	2,717.9	2,985.4

a/ Between $10,000 and $100,000.
Note: Detail may not add to total because of rounding.

Source: U.S. Department of Defense, Department of Defense Prime Contract Awards by Region and State.

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TABLE H-8

DEPARTMENT OF DEFENSE AND NATIONAL AERONAUTICS AND SPACE ADMINISTRATION PRIME CONTRACT AWARDS TO CALIFORNIA

Fiscal year	DOD a/ ($000)	NASA b/ ($000)
1974-75	$7,907,977	$1,081,905
1975-76	8,949,118	1,334,663
1976-77	10,078,180	1,417,181
1977-78	10,516,735	1,280,268
1978-79	11,674,320	1,438,969
1979-80	13,914,429	1,721,269
1980-81	16,698,825	1,875,403
1981-82	22,684,547	2,056,491
1982-83	26,387,160	2,131,242
1983-84	28,519,741	2,149,986
1984-85	29,114,566	2,236,531
1985-86	27,737,750	1,999,674
1986-87	24,514,511	2,224,687
1987-88	23,457,695	2,411,400
1988-89	23,124,697	2,727,664
1989-90	22,312,357	3,147,758

a/ (1975-1982) Contract awards over $10,000.
(1983-1990) Contract awards over $25,000.
b/ (1975-1984) Excludes smaller procurements, generally those less than $10,000.
(1985-1987) Excludes smaller procurements, generally those less than $25,000.
Also excludes awards placed through other Government agencies, awards outside the U.S., and actions on JPL contracts.

Source: Department of Defense,
Prime Contract Awards by State
National Aeronautics and Space Admin.,
Annual Procurement Report

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TABLE H-9

MANUFACTURING: PURCHASED FUELS AND ELECTRIC ENERGY USED FOR HEAT AND POWER, 1981

Industry group	Purchased fuels and electric energy		Electric energy		
			Purchased		Generated
	BTUs (trillions)	Cost ($ mill.)	Quantity (mill. kwh)	Cost ($ mill.)	less sold (mill. kwh)
Total manufacturing	615.5	3,980.7	36,694.6	2,180.3	1,141.8
Food and kindred products	86.9	533.1	3,891.5	226.4	172.8
Textile mill products	4.4	27.0	202.1	13.1	d/
Apparel, other textile products	4.2	33.5	338.4	22.6	d/
Lumber and wood products	13.9	107.5	1,110.3	63.7	11.5
Furniture and fixtures	3.3	29.5	333.7	21.5	d/
Paper and allied products	34.9	208.1	1,558.8	88.4	d/
Printing and publishing	6.9	70.8	932.9	56.7	d/
Chemicals, allied products	57.0	324.1	2,980.3	168.2	d/
Petroleum and coal products	137.4	776.6	5,455.7	316.5	d/
Rubber, misc. plastic products	12.6	121.0	1,554.3	95.4	d/
Leather, leather products	0.9	7.1	71.3	4.6	d/
Stone, clay, glass products	117.6	500.0	3,015.5	167.1	d/
Primary metal industries	40.4	277.1	2,592.9	158.5	d/
Fabricated metal products	23.9	181.9	1,836.2	115.6	d/
Machinery, except electrical	17.6	176.6	2,417.0	145.4	s/
Electric, electronic equipment	20.6	246.3	3,703.7	216.7	s/
Transportation equipment	25.7	284.0	3,675.0	237.2	s/
Instruments, related products	4.4	48.7	714.1	42.0	d/
Misc. manufacturing industries	2.9	27.7	311.8	20.6	d/

Industry group	Purchased fuels		Fuel oil			
			Distillate		Residual	
	BTUs (trillions	Quantity ($ mill.)	Quantity (000 bbl.)	Cost ($ mill.)	Quantity (000 bbl.)	Cost ($ mill.)
Total manufacturing	490.3	1,800.4	1,056.9	39.5	2,585.9	65.3
Food and kindred products	73.7	306.7	225.6	7.7	695.9	16.1
Textile mill products	3.7	13.9	---	---	---	---
Apparel, other textile products	3.0	10.9	d/	d/	---	---
Lumber and wood products	10.1	43.9	192.9	7.4	182.4	5.2
Furniture and fixtures	2.1	8.0	---	---	---	---
Paper and allied products	29.6	119.7	49.4	1.7	546.1	14.5
Printing and publishing	3.7	14.1	d/	d/	---	---
Chemicals, allied products	46.8	155.8	30.6	1.1	d/	d/
Petroleum and coal products	118.8	460.0	65.9	2.4	d/	d/
Rubber, misc. plastic products	7.3	25.6	s/	s/	d/	d/
Leather, leather products	0.6	2.6	---	---	---	---
Stone, clay, glass products	107.3	332.9	345.9	13.4	581.4	14.2
Primary metal industries	31.5	118.6	14.9	0.6	d/	d/
Fabricated metal products	17.7	66.4	7.6	0.3	d/	d/
Machinery, except electrical	9.3	31.2	13.6	0.5	6.5	0.2
Electric, electronic equipment	8.0	29.6	d/	d/	d/	d/
Transportation equipment	13.1	46.8	84.9	3.4	---	---
Instruments, related products	1.9	5.7	d/	d/	---	---
Misc. manufacturing industries	1.8	7.1	---	---	d/	d/

TABLE H-9 (Continued)

MANUFACTURING: PURCHASED FUELS AND ELECTRIC ENERGY USED FOR HEAT AND POWER, 1981

Industry group	Bituminous coal, lignite and anthracite		Coke and breeze	
	Quantity (000 short tons)	Cost ($ mill.)	Quantity (000 short tons)	Cost ($ mill.)
Total manufacturing	1,520.9	74.6	57.5	6.9
Food and kindred products	---	---	d/	d/
Textile mill products	---	---	---	---
Apparel, other textile products	---	---	---	---
Lumber and wood products	---	---	---	---
Furniture and fixtures	---	---	---	---
Paper and allied products	---	---	---	---
Printing and publishing	---	---	---	---
Chemicals, allied products	---	---	---	---
Petroleum and coal products	---	---	---	---
Rubber, misc. plastic products	---	---	---	---
Leather, leather products	---	---	---	---
Stone, clay, glass products	1,520.9	74.6	d/	d/
Primary metal industries	---	---	28.7	4.4
Fabricated metal products	---	---	---	---
Machinery, except electrical	---	---	---	---
Electric, electronic equipment	---	---	---	---
Transportation equipment	---	---	---	---
Instruments, related products	---	---	---	---
Misc. manufacturing industries	---	---	---	---

Industry group	Natural gas		Liquified petroleum gases		Other fuels ($ mill.)	Fuels no specified by kind ($ mill.)
	Quantity (bill. cu.ft.)	Cost ($ mill.)	Quantity (mill. lbs)	Cost ($ mill.)		
Total manufacturing	334.8	1,327.6	125.1	14.7	69.9	202.0
Food and kindred products	64.5	270.9	46.1	5.6	10.4	d/
Textile mill products	2.6	10.2	0.7	0.1	d/	d/
Apparel, other textile products	s/	s/	---	---	s/	d/
Lumber and wood products	2.3	8.8	2.2	0.2	8.3	14.0
Furniture and fixtures	s/	s/	s/	s/	s/	s/
Paper and allied products	19.0	79.5	5.6	0.7	d/	d/
Printing and publishing	1.7	5.9	d/	d/	0.7	6.5
Chemicals, allied products	33.2	118.4	8.3	1.0	10.3	d/
Petroleum and coal products	108.7	429.6	d/	d/	10.4	10.7
Rubber, misc. plastic products	s/	s/	s/	s/	s/	d/
Leather, leather products	0.4	1.7	---	---	---	0.8
Stone, clay, glass products	42.2	179.0	6.8	0.8	2.3	d/
Primary metal industries	23.5	89.9	d/	d/	1.0	15.6
Fabricated metal products	11.7	44.8	7.4	0.9	2.6	d/
Machinery, except electrical	4.5	14.3	5.3	0.6	1.3	14.3
Electric, electronic equipment	4.9	18.8	1.5	0.2	d/	8.8
Transportation equipment	10.4	35.9	14.8	1.7	2.2	3.6
Instruments, related products	1.0	3.9	1.5	0.2	0.4	d/
Misc. manufacturing industries	s/	s/	d/	d/	d/	s/

--- Represents zero.
d Withheld to avoid disclosing figures for individual companies.
s Withheld because the estimate did not meet publication standards.
Source: U.S. Department of Commerce, Bureau of the Census, 1982 Census of Manufacturers

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SECTION I

CONSTRUCTION

This section presents annual data on California building permits issued for housing units, and the valuation of building permits issued for both residential and nonresidential units. Annual figures by county are also included. The sources of construction statistics are Security Pacific National Bank (through 1986) and the Construction Industry Research Board. The data on housing characteristics are provided by the U.S. Bureau of the Census and the Department of Finance.

TABLE I-1

OWNER-OCCUPIED HOUSING VALUE a/

Value	Number of units 1980	1990
Less than $50,000	60,777	119,023
$50,000 to $99,000	1,874,591	636,643
$100,000 to $149,999	804,979	812,098
$150,000 to $199,999	281,546	851,540
$200,000 or more	275,280	2,270,960
$200,000 to $299,999	--	1,150,992
$300,000 to $399,999	--	539,609
$400,000 to $499,999	--	241,962
$500,000 or more	--	338,397
Median value	$84,700	$195,500

a/ Value is the Census respondent's estimate of how much the property (house and lot, mobile home and lot, or condominium unit) would sell for if it were for sale.

Source: U.S. Department of Commerce, Bureau of the Census, Census of Housing

TABLE I-2

CONTRACT RENT

With cash rent	Number of units 1980	1990
Less than $250	1,762,800	330,342
$250 to $499	1,654,189	1,385,013
$500 or more	178,924	2,684,750
$500 to $599	--	775,612
$600 to $699	--	667,176
$700 to $999	--	918,138
$1000 or more	--	323,824
Median Rent	$253	$561

Source: U.S. Department of Commerce, Bureau of the Census, Census of Housing

TABLE I-3

RESIDENTIAL CONSTRUCTION AUTHORIZED BY PERMITS, CALIFORNIA

Year	Units Total	Single	Multiple	Valuation a/ ($ mill.)
1970	195,692	71,344	124,348	$3,177
1971	256,989	113,260	143,729	4,529
1972	279,670	124,064	155,606	5,390
1973	216,079	102,571	113,508	4,883
1974	129,229	76,204	53,025	3,687
1975	131,732	89,823	41,909	4,541
1976	221,940	140,293	81,647	8,023
1977	270,640	174,874	95,766	10,494
1978	243,805	141,537	102,268	10,604
1979	210,076	127,499	82,577	10,791
1980	144,987	86,632	58,355	9,098
1981	104,873	59,973	44,900	7,520
1982	84,373	49,852	34,521	6,179
1983	168,358	99,299	69,059	11,511
1984	218,007	107,346	110,661	14,514
1985	263,682	109,809	153,873	17,599
1986	302,934	143,013	159,921	22,319
1987	253,171	136,128	117,043	22,116
1988	255,559	162,167	93,392	26,361
1989	237,747	162,651	75,096	27,790
1990	164,313	103,819	60,494	20,686

a/ Valuation includes additions and alterations.
Source: Construction Industry Research Board
Security Pacific National Bank (1970-86)

TABLE I-4

NONRESIDENTIAL CONSTRUCTION AUTHORIZED BY PERMIT, CALIFORNIA, 1970 TO 1990

(Thousands of dollars)

Year	Commercial	Industrial	Other	Additions and alterations	Total
1970	1,089,054	288,077	674,969	491,669	2,543,764
1971	1,401,364	326,049	978,580	263,473	2,969,469
1972	1,437,511	464,702	865,306	281,118	3,048,634
1973	1,349,105	717,549	828,827	337,156	3,230,637
1974	1,260,018	736,532	902,675	359,502	3,258,723
1975	1,296,132	491,032	952,261	366,794	3,106,221
1976	1,327,749	629,515	1,067,335	443,049	3,467,649
1977	1,890,490	1,093,685	1,229,912	498,550	4,712,638
1978	2,477,474	1,556,132	1,318,691	606,069	5,958,365
1979	3,377,019	1,812,478	1,383,480	721,923	7,294,901
Revised definition a/					
1980	3,274,077	1,276,735	1,202,941	1,716,358	7,470,107
1981	4,034,262	1,484,012	1,308,222	2,079,349	8,905,843
1982	4,176,487	1,051,366	1,401,367	2,100,651	8,729,875
1983	4,456,644	1,312,567	1,478,114	2,663,477	9,910,801
1984	5,643,180	2,020,359	1,561,724	2,747,846	11,973,109
1985	6,235,954	1,956,566	1,800,293	3,324,965	13,317,778
1986	5,780,519	2,135,479	1,886,448	3,392,460	13,194,906
1987	5,686,771	1,803,318	1,747,206	3,664,011	12,901,306
1988	6,568,580	1,802,032	1,769,095	4,020,603	14,160,310
1989	6,159,419	1,704,750	1,518,323	4,283,608	13,666,100
1990	5,269,845	1,591,383	1,643,771	4,230,541	12,735,540

a/ Prior to 1980 all additions and alterations of $100,000 or more were recorded as new construction in the commercial, industrial or other categories.

Note: Detail may not add to total due to rounding.
Source: Construction Industry Research Board
Security Pacific National Bank (1970-86)

Tables I-1 and I-2: Department of Finance, State Census Data Center, (916) 323-2201
Tables I-3 and I-4: Department of Finance, Economic Research Unit, (916) 322-2263

TABLE I-5

NUMBER AND VALUATION OF NEW HOUSING UNITS AUTHORIZED BY BUILDING PERMITS, CALIFORNIA, 1990

County	Number of units			Valuation ($1,000)			
	Single	Multiple	Total	Single	Multiple	Additions	Total
Total	103,819	60,494	164,313	$13,350,947	$4,104,200	$3,231,042	$20,686,189
Alameda	1,633	1,365	2,998	264,063	112,810	157,408	534,281
Alpine	14	0	14	2,024	0	10	2,034
Amador	312	6	318	31,955	382	2,289	34,626
Butte	1,152	759	1,911	107,498	33,643	9,357	150,498
Calaveras	639	6	645	75,111	439	4,261	79,811
Colusa	88	11	99	5,840	414	995	7,249
Contra Costa	3,132	1,149	4,281	404,736	62,810	93,367	560,913
Del Norte	168	38	206	15,567	1,463	2,039	19,069
El Dorado	1,837	115	1,952	230,573	5,978	19,524	256,075
Fresno	3,871	1,481	5,352	375,643	56,420	20,839	452,902
Glenn	84	9	93	7,079	250	1,456	8,785
Humboldt	604	271	875	49,477	9,621	7,808	66,906
Imperial	500	587	1,087	41,902	22,751	3,646	68,299
Inyo	54	15	69	6,847	654	1,739	9,240
Kern	4,492	397	4,889	421,499	18,334	16,004	455,837
Kings	519	108	627	48,404	4,673	2,706	55,783
Lake	524	8	532	59,418	538	6,540	66,496
Lassen	142	34	176	8,979	930	1,148	11,057
Los Angeles	8,909	16,136	25,045	1,654,821	1,352,536	1,148,208	4,155,565
Madera	1,364	194	1,558	86,774	8,186	3,073	98,033
Marin	353	454	807	74,286	33,637	64,624	172,547
Mariposa	173	0	173	14,701	0	815	15,516
Mendocino	491	71	562	41,723	2,564	7,030	51,317
Merced	1,061	117	1,178	97,368	4,323	7,208	108,899
Modoc	8	0	8	640	0	108	748
Mono	139	108	247	18,708	7,812	1,753	28,273
Monterey	1,027	356	1,383	124,250	17,361	44,502	186,113
Napa	652	55	707	114,406	3,443	21,533	139,382
Nevada	1,093	52	1,145	116,043	1,965	12,741	130,749
Orange	3,352	8,627	11,979	604,766	556,257	231,194	1,392,217
Placer	2,631	257	2,888	406,204	12,290	21,464	439,958
Plumas	277	20	297	19,794	904	1,151	21,849
Riverside	12,171	3,460	15,631	1,473,673	192,657	68,745	1,735,075
Sacramento	8,442	1,980	10,422	1,026,123	103,498	83,515	1,213,136
San Benito	249	33	282	28,030	2,026	2,003	32,059
San Bernardino	11,013	2,196	13,209	1,243,515	118,552	112,915	1,474,982
San Diego	6,621	9,175	15,796	1,193,865	685,547	232,410	2,111,822
San Francisco	161	916	1,077	30,776	112,656	172,978	316,410
San Joaquin	2,959	229	3,188	327,570	11,769	25,944	365,283
San Luis Obispo	1,289	182	1,471	186,714	10,866	25,634	223,214
San Mateo	636	191	827	139,797	20,219	149,160	309,176
Santa Barbara	872	397	1,269	140,749	26,257	49,682	216,688
Santa Clara	1,675	3,646	5,321	288,014	216,002	182,501	686,517
Santa Cruz	396	156	552	59,139	11,859	32,823	103,821
Shasta	1,855	513	2,368	178,504	25,867	8,866	213,237
Sierra	11	0	11	1,089	0	223	1,312
Siskiyou	164	11	175	16,002	447	4,365	20,814
Solano	1,763	551	2,314	235,176	31,349	23,330	289,855
Sonoma	2,647	997	3,644	286,414	38,730	41,894	367,038
Stanislaus	3,465	486	3,951	293,938	22,717	15,409	332,064
Sutter	756	314	1,070	80,984	11,458	4,803	97,245
Tehama	311	8	319	28,698	518	2,206	31,422
Trinity	63	2	65	3,647	54	682	4,383
Tulare	1,893	240	2,133	160,942	10,499	13,252	184,693
Tuolumne	705	143	848	39,505	4,307	3,761	47,573
Ventura	1,360	1,252	2,612	247,123	78,650	45,195	370,968
Yolo	708	576	1,284	82,307	33,117	9,674	125,098
Yuba	339	34	373	27,554	1,191	2,532	31,277

Source: Construction Industry Research Board

Department of Finance
Financial and Economic Research Unit, (916) 322-2263

TABLE I-6

TOTAL NEW HOUSING UNITS AUTHORIZED BY BUILDING PERMITS CALIFORNIA, 1980 TO 1990 a/

County	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	144,977	104,594	85,656	172,569	224,845	272,317	314,569	253,171	255,559	237,747	164,313
Alameda	4,803	3,889	3,812	5,913	7,505	8,095	9,947	9,327	6,552	6,028	2,998
Alpine	15	64	19	7	11	83	10	16	15	9	14
Amador	316	279	282	215	267	236	304	410	278	401	318
Butte	1,239	1,132	851	1,232	1,752	1,331	1,158	1,648	1,360	1,949	1,911
Calaveras	774	645	487	534	490	495	515	662	613	766	645
Colusa	110	84	96	117	73	97	95	72	47	71	99
Contra Costa	5,420	3,108	2,804	7,200	6,382	9,400	13,064	8,432	8,104	7,670	4,281
Del Norte	106	134	53	136	39	39	37	454	145	129	206
El Dorado	1,237	1,316	916	996	1,168	1,633	1,700	1,990	2,350	2,176	1,952
Fresno	3,798	2,248	1,841	6,048	6,835	7,422	5,835	5,096	4,134	7,104	5,352
Glenn	82	60	176	59	259	109	76	90	57	40	93
Humboldt	377	298	349	385	438	512	597	526	657	748	875
Imperial	571	344	398	342	435	432	787	422	622	771	1,087
Inyo	52	36	65	86	84	40	46	47	31	91	69
Kern	3,002	2,514	4,422	6,050	6,220	5,253	4,984	4,965	3,158	4,303	4,889
Kings	619	312	386	1,351	605	652	893	768	319	532	627
Lake	496	434	292	373	454	395	376	450	338	495	532
Lassen	158	134	106	63	180	81	139	193	136	108	176
Los Angeles	28,761	21,091	14,424	27,967	37,691	54,192	70,214	56,488	50,498	48,341	25,045
Madera	767	578	348	604	563	761	668	769	820	1,177	1,558
Marin	930	536	397	785	1,111	1,065	944	1,359	1,386	1,414	807
Mariposa	145	111	124	134	116	140	140	154	171	177	173
Mendocino	628	418	406	479	494	528	549	842	427	618	562
Merced	851	556	609	1,654	965	1,000	1,270	1,056	1,341	1,692	1,178
Modoc	62	98	74	53	35	13	12	12	9	15	8
Mono	356	624	187	18	230	151	52	154	207	275	247
Monterey	1,264	977	746	1,415	2,122	2,698	2,819	1,718	1,482	2,231	1,383
Napa	436	358	556	846	690	817	607	527	974	966	707
Nevada	1,779	1,456	834	985	957	1,046	1,204	1,191	1,424	1,142	1,145
Orange	10,915	9,409	5,394	13,353	17,437	20,383	24,913	24,698	23,455	16,637	11,979
Placer	2,021	1,461	1,351	1,579	1,972	2,444	2,883	3,210	3,922	4,704	2,888
Plumas	379	233	146	252	210	163	170	179	256	216	297
Riverside	7,871	6,252	4,776	12,233	18,992	17,171	23,943	17,947	35,496	25,702	15,631
Sacramento	6,700	3,761	3,962	8,450	11,205	18,327	11,690	10,305	11,397	13,121	10,422
San Benito	345	274	293	319	367	519	336	330	508	530	282
San Bernardino	8,339	6,889	6,041	12,722	20,006	22,941	33,964	21,684	18,933	19,951	13,209
San Diego	13,167	8,998	7,597	20,781	33,180	38,239	44,315	30,920	28,552	18,710	15,796
San Francisco	1,202	1,242	1,215	1,212	1,313	1,390	2,037	2,442	1,931	1,508	1,077
San Joaquin	2,498	2,128	2,402	3,759	4,982	4,143	2,796	2,978	3,792	4,179	3,188
San Luis Obispo	1,887	1,617	1,414	2,874	2,968	3,898	2,669	2,554	2,564	2,553	1,471
San Mateo	2,307	984	892	1,108	1,994	2,142	3,505	3,018	2,410	2,420	827
Santa Barbara	1,536	1,411	1,088	2,032	2,604	2,727	3,136	1,918	1,470	1,541	1,269
Santa Clara	8,025	3,702	2,942	7,236	7,324	9,523	8,019	7,636	6,465	4,859	5,321
Santa Cruz	1,407	1,272	1,083	1,110	1,117	1,218	1,173	1,343	1,128	968	552
Shasta	1,185	764	611	1,086	1,244	1,390	1,410	1,561	1,315	1,616	2,368
Sierra	39	64	28	37	34	30	17	19	22	17	11
Siskiyou	450	403	384	477	398	319	235	213	183	233	175
Solano	2,278	1,313	1,443	2,309	2,261	5,477	5,420	3,355	5,288	6,233	2,314
Sonoma	2,451	1,446	1,618	3,776	5,099	6,101	3,875	3,585	4,675	4,518	3,644
Stanislaus	2,314	1,157	1,017	1,832	2,953	3,836	5,838	3,938	5,007	6,318	3,951
Sutter	478	346	247	264	321	440	516	507	331	699	1,070
Tehama	451	305	261	297	438	509	248	345	151	235	319
Trinity	137	97	77	68	93	72	72	70	112	84	65
Tulare	1,588	1,011	1,088	2,253	1,663	1,790	2,268	2,048	1,521	2,009	2,133
Tuolumne	685	510	406	385	440	454	922	575	586	741	848
Ventura	4,022	2,764	1,198	3,514	4,858	6,182	7,513	4,205	5,154	5,026	2,612
Yolo	822	716	336	921	997	1,434	1,490	1,482	1,072	820	1,284
Yuba	324	231	286	283	204	339	154	268	208	160	373

a/ Totals from 1980-1986 will not match those in I-3 due to different sources.

Source: Construction Industry Research Board

Department of Finance
Financial and Economic Research Unit, (916) 322-2263

TABLE I-7

NONRESIDENTIAL CONSTRUCTION VALUATION AUTHORIZED BY PERMITS, CALIFORNIA, 1990
(Thousands of dollars)

County	Commercial	Industrial	Other	Additions and alterations	Total
Total	$5,269,845	$1,591,383	$1,643,771	$4,230,541	$12,735,540
Alameda	139,096	166,149	48,329	339,817	693,391
Alpine	0	0	0	0	0
Amador	5,623	108	4,492	1,399	11,622
Butte	26,535	2,978	12,519	6,858	48,890
Calaveras	3,078	314	5,790	680	9,862
Colusa	1,452	0	673	762	2,887
Contra Costa	101,872	35,759	25,173	89,638	252,442
Del Norte	2,215	0	2,498	1,363	6,076
El Dorado	44,036	426	12,569	7,187	64,218
Fresno	64,176	42,599	87,041	47,573	241,389
Glenn	1,407	0	1,285	1,282	3,974
Humboldt	8,460	2,617	8,160	6,899	26,136
Imperial	19,944	1,054	3,203	4,644	28,845
Inyo	1,262	1,526	714	1,605	5,107
Kern	72,142	22,414	65,029	36,009	195,594
Kings	5,466	788	4,106	4,050	14,410
Lake	446	1,165	2,549	1,069	5,229
Lassen	1,073	182	1,725	387	3,367
Los Angeles	1,650,740	308,538	449,969	1,421,833	3,831,080
Madera	19,282	5,201	7,194	3,793	35,470
Marin	15,102	0	4,773	22,963	42,838
Mariposa	1,341	108	2,585	0	4,034
Mendocino	4,237	3,915	6,987	2,405	17,544
Merced	9,911	2,111	10,240	9,993	32,255
Modoc	133	0	937	375	1,445
Mono	27	422	43,517	1,028	44,994
Monterey	40,615	7,821	21,423	27,331	97,190
Napa	9,196	14,162	9,727	29,078	62,163
Nevada	9,816	410	12,330	1,958	24,514
Orange	626,613	58,917	92,604	394,517	1,172,651
Placer	54,279	13,059	17,431	14,265	99,034
Plumas	141	334	2,734	332	3,541
Riverside	280,830	119,655	120,160	106,718	627,363
Sacramento	260,598	44,293	48,088	145,512	498,491
San Benito	4,521	2,337	1,902	1,294	10,054
San Bernardino	296,111	182,111	102,256	114,761	695,239
San Diego	476,530	111,700	100,116	267,622	955,968
San Francisco	163,561	65	2,617	307,834	474,077
San Joaquin	119,270	26,574	34,376	41,340	221,560
San Luis Obispo	15,194	3,809	14,735	12,453	46,191
San Mateo	77,279	3,408	10,479	124,447	215,613
Santa Barbara	44,003	51,483	14,670	44,887	155,043
Santa Clara	207,147	182,585	39,271	331,978	760,981
Santa Cruz	17,718	4,100	8,247	14,448	44,513
Shasta	28,707	6,123	28,788	9,595	73,213
Sierra	97	0	263	67	427
Siskiyou	3,565	439	3,407	1,731	9,142
Solano	49,917	16,171	17,333	19,340	102,761
Sonoma	48,853	7,725	23,173	37,664	117,415
Stanislaus	51,041	21,155	21,421	35,762	129,379
Sutter	4,743	20,356	9,406	6,135	40,640
Tehama	9,250	8,294	8,183	1,746	27,473
Trinity	232	0	669	61	962
Tulare	43,105	22,775	16,393	37,964	120,237
Tuolumne	2,506	1,292	4,200	43	8,041
Ventura	94,112	42,706	31,916	65,578	234,312
Yolo	29,664	15,506	10,755	16,753	72,678
Yuba	1,575	3,644	2,641	3,715	11,575

Source: Construction Industry Research Board

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE I-8

TOTAL NONRESIDENTIAL CONSTRUCTION VALUATION AUTHORIZED BY BUILDING PERMITS, CALIFORNIA, 1980 TO 1990

(Thousands of dollars)

County	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total	7,470,105	8,905,844	8,729,876	9,910,802	12,006,667	13,531,572	13,488,272	12,901,306	14,160,310	13,666,100	12,735,540
Alameda	256,341	356,285	430,761	478,112	666,514	570,793	502,522	546,905	492,814	540,748	693,391
Alpine	525	1,282	0	56	0	0	0	0	72	0	0
Amador	3,062	4,639	2,506	6,256	4,872	9,862	7,654	4,608	4,444	4,884	11,622
Butte	25,044	36,336	29,685	22,751	42,794	34,088	32,144	45,843	62,086	41,723	48,890
Calaveras	12,771	4,403	3,062	4,436	4,594	15,305	9,648	8,267	11,135	9,758	9,862
Colusa	2,791	4,250	11,479	2,882	3,272	2,346	1,251	2,793	6,507	5,571	2,887
Contra Costa	158,729	205,905	218,496	362,940	445,002	511,121	325,047	299,225	213,336	264,008	252,442
Del Norte	3,352	2,326	3,185	4,002	2,759	2,260	2,017	4,251	8,190	5,437	6,076
El Dorado	23,550	27,211	16,623	17,521	17,541	25,037	32,987	23,083	38,089	43,726	64,218
Fresno	118,476	130,257	107,520	117,398	142,722	148,510	141,435	130,162	248,048	188,303	241,389
Glenn	3,807	3,421	2,855	5,625	7,564	2,563	3,093	2,770	3,397	4,227	3,974
Humboldt	13,793	10,811	12,806	12,681	47,157	14,593	19,770	28,008	21,665	24,376	26,136
Imperial	17,366	23,959	14,221	35,534	22,221	70,145	35,615	159,335	133,878	31,049	28,845
Inyo	5,618	5,330	6,710	3,637	3,245	2,460	3,856	4,814	2,936	2,845	5,107
Kern	111,678	106,300	175,290	173,928	203,645	370,562	310,786	208,122	223,048	182,391	195,594
Kings	10,341	8,453	10,331	9,665	21,456	14,437	15,019	14,407	17,294	12,252	14,410
Lake	14,734	6,219	26,670	61,731	10,862	5,696	14,840	33,445	34,633	11,607	5,229
Lassen	4,703	5,385	7,923	5,463	4,044	5,377	8,492	3,021	11,398	5,026	3,367
Los Angeles	2,664,085	3,016,330	2,819,488	2,850,937	3,612,235	4,017,944	4,025,121	3,978,765	4,699,966	4,484,702	3,831,080
Madera	17,945	16,410	13,604	16,254	17,702	14,678	11,752	27,266	36,046	33,781	35,470
Marin	35,884	67,569	55,365	57,406	84,947	83,621	56,630	41,867	46,814	77,025	42,838
Mariposa	1,419	1,243	1,933	2,845	5,434	2,888	4,180	2,311	15,339	2,681	4,034
Mendocino	12,562	9,188	8,702	8,513	15,807	17,766	17,914	16,365	13,169	15,661	17,544
Merced	28,862	24,585	38,039	24,058	20,614	20,992	40,081	39,593	47,554	41,502	32,255
Modoc	1,675	1,560	1,845	1,024	1,905	1,876	1,637	1,052	1,016	960	1,445
Mono	3,714	12,966	6,677	469	0	0	3,453	3,929	9,411	3,940	44,994
Monterey	53,681	97,325	66,529	105,900	95,489	95,192	89,979	79,788	77,902	81,404	97,190
Napa	26,486	34,762	42,773	33,139	62,659	41,095	37,750	48,754	43,754	71,762	62,163
Nevada	11,503	10,833	12,426	8,444	19,329	10,972	21,571	19,393	23,279	25,224	24,514
Orange	723,105	816,350	773,362	732,193	1,176,183	1,465,576	1,618,131	1,481,173	1,605,033	1,531,442	1,172,651
Placer	41,151	26,212	36,531	42,148	51,743	48,631	62,783	80,976	98,938	114,792	99,034
Plumas	4,300	4,617	3,127	3,982	5,222	4,520	3,138	2,865	7,551	4,557	3,541
Riverside	264,352	337,433	292,887	315,499	498,300	613,584	586,342	563,019	557,402	649,353	627,363
Sacramento	234,677	258,246	260,856	379,105	472,537	427,983	490,119	425,930	639,035	448,510	498,491
San Benito	1,484	1,377	3,416	2,337	9,080	4,857	7,879	6,272	3,251	11,478	10,054
San Bernardino	237,931	290,584	239,831	349,807	469,489	504,357	676,848	708,220	778,365	788,322	695,239
San Diego	529,071	552,777	587,989	767,364	894,150	1,174,617	1,187,398	1,284,145	1,202,340	1,234,634	955,968
San Francisco	268,834	545,046	853,880	825,476	486,084	678,977	593,641	356,541	578,848	381,061	474,077
San Joaquin	116,999	81,547	94,259	104,404	104,263	122,372	156,086	174,451	190,289	153,043	221,560
San Luis Obispo	31,141	34,226	34,295	104,637	83,330	95,523	74,119	66,824	62,533	55,119	46,191
San Mateo	171,889	226,686	165,950	186,368	193,441	343,772	353,784	313,467	240,949	237,975	215,613
Santa Barbara	46,760	64,741	61,967	69,155	104,214	127,072	117,975	89,451	100,276	113,854	155,043
Santa Clara	483,541	841,514	598,965	986,111	1,190,829	1,054,701	836,762	771,766	712,932	756,747	760,981
Santa Cruz	49,605	34,913	67,809	52,625	48,742	35,628	32,683	57,222	56,738	77,192	44,513
Shasta	26,212	29,336	34,321	16,419	20,685	18,097	41,995	65,368	43,364	61,176	73,213
Sierra	583	539	634	329	0	0	289	594	397	197	427
Siskiyou	17,618	8,877	3,997	3,239	3,229	3,483	3,102	4,629	7,419	9,710	9,142
Solano	58,876	42,042	35,115	48,490	53,803	55,870	62,157	76,712	98,108	128,949	102,761
Sonoma	152,139	75,556	65,745	120,416	114,897	148,264	146,479	119,174	112,220	108,797	117,415
Stanislaus	96,775	62,877	61,160	58,798	61,655	92,004	199,894	111,077	96,797	119,946	129,379
Sutter	11,523	17,402	15,110	9,420	11,114	12,737	13,499	11,762	32,455	42,328	40,640
Tehama	8,350	8,403	10,102	5,941	12,791	10,534	9,548	10,056	9,987	12,594	27,473
Trinity	934	1,063	1,677	1,110	1,473	1,548	1,252	1,161	856	1,511	962
Tulare	45,995	40,791	42,017	43,490	47,568	62,061	68,094	70,431	41,434	87,717	120,237
Tuolumne	6,570	10,290	5,811	13,950	13,457	14,631	20,527	5,288	6,146	6,644	8,041
Ventura	152,072	191,761	190,417	197,343	252,351	240,436	275,325	193,174	264,029	246,153	234,312
Yolo	26,419	52,810	29,304	31,224	31,310	47,388	53,920	64,424	59,257	57,063	72,678
Yuba	16,702	12,285	11,838	5,815	8,342	10,170	18,259	6,992	6,141	8,663	11,575

a/ Totals from 1980-1986 will not match those in I-4 due to different sources.

Source: Construction Industry Research Board

Department of Finance
Financial and Economic Research Unit, (916) 322-2263

TABLE I-9

GENERAL POPULATION AND HOUSING CHARACTERISTICS: 1990 CENSUS

County	Population			Total housing units				Occupied housing units					
						Vacancy rate (%)					Persons		
	Total	House-holds a/	Group Quarters	Total	Vacant	Home-owner	Rental	Total	Owner occupied	Renter occupied	per household	Median value b/	Median rent c/
California	29,760,021	29,008,161	751,860	11,182,882	801,676	2.0	5.9	10,381,206	5,773,943	4,607,263	2.79	$195,500	$561
Alameda	1,279,182	1,242,068	37,114	504,109	24,591	1.4	5.5	479,518	255,386	224,132	2.59	227,200	570
Alpine	1,113	1,112	1	1,319	869	1.5	55.3	450	258	192	2.47	113,200	349
Amador	30,039	25,333	4,706	12,814	2,296	2.1	5.2	10,518	7,842	2,676	2.41	118,500	411
Butte	182,120	177,415	4,705	76,115	4,450	1.4	4.0	71,665	43,649	28,016	2.48	94,000	369
Calaveras	31,998	31,659	339	19,153	6,504	3.6	6.2	12,649	9,625	3,024	2.50	113,700	384
Colusa	16,275	15,921	354	6,295	683	1.0	4.7	5,612	3,564	2,048	2.84	68,900	272
Contra Costa	803,732	793,585	10,147	316,170	15,882	1.7	6.4	300,288	202,894	97,394	2.64	219,400	613
Del Norte	23,460	21,029	2,431	9,091	1,104	3.1	8.7	7,987	5,222	2,765	2.63	84,600	341
El Dorado	125,995	124,730	1,265	61,451	14,606	2.0	5.2	46,845	32,981	13,864	2.66	155,000	478
Fresno	667,490	654,970	12,520	235,563	14,630	1.5	5.5	220,933	119,876	101,057	2.96	83,600	363
Glenn	24,798	24,446	352	9,329	508	0.9	3.2	8,821	5,451	3,370	2.77	67,400	278
Humboldt	119,118	115,649	3,469	51,134	4,714	1.3	4.8	46,420	27,301	19,119	2.49	88,000	344
Imperial	109,303	106,921	2,382	36,559	3,717	1.6	5.0	32,842	18,907	13,935	3.26	72,500	313
Inyo	18,281	17,789	492	8,712	1,147	3.0	4.9	7,565	5,017	2,548	2.35	115,800	317
Kern	543,477	529,833	13,644	198,636	17,156	2.1	6.4	181,480	107,652	73,828	2.92	82,800	365
Kings	101,469	89,469	12,000	30,843	1,761	1.3	5.8	29,082	15,381	13,701	3.08	70,700	335
Lake	50,631	49,592	1,039	28,822	8,017	3.9	6.7	20,805	14,822	5,983	2.38	93,300	351
Lassen	27,598	22,702	4,896	10,358	1,815	2.2	9.6	8,543	5,927	2,616	2.66	70,400	296
Los Angeles	8,863,164	8,691,099	172,065	3,163,343	173,791	1.9	5.9	2,989,552	1,440,830	1,548,722	2.91	226,400	570
Madera	88,090	86,413	1,677	30,831	2,461	1.4	3.3	28,370	18,418	9,952	3.05	86,500	333
Marin	230,096	221,548	8,548	99,757	4,751	1.7	4.0	95,006	58,991	36,015	2.33	354,200	763
Mariposa	14,302	13,580	722	7,700	2,096	2.1	14.5	5,604	3,886	1,718	2.42	99,800	311
Mendocino	80,345	78,233	2,112	33,649	3,230	1.1	5.1	30,419	18,899	11,520	2.57	123,900	384
Merced	178,403	175,172	3,231	58,410	3,079	1.0	3.3	55,331	30,082	25,249	3.17	90,800	358
Modoc	9,678	9,244	434	4,672	961	3.6	7.8	3,711	2,583	1,128	2.49	49,600	225
Mono	9,956	9,823	133	10,664	6,703	5.1	37.6	3,961	2,056	1,905	2.48	159,900	450
Monterey	355,660	334,549	21,111	121,224	8,259	2.2	3.8	112,965	57,202	55,763	2.96	198,200	566
Napa	110,765	105,085	5,680	44,199	2,887	2.0	4.8	41,312	26,662	14,650	2.54	183,600	561
Nevada	78,510	77,223	1,287	37,352	6,594	1.8	5.2	30,758	22,886	7,872	2.51	154,700	489
Orange	2,410,556	2,373,377	37,179	875,072	48,006	1.8	6.6	827,066	496,782	330,284	2.87	252,700	728
Placer	172,796	170,452	2,344	77,879	13,778	1.6	7.5	64,101	45,319	18,782	2.66	169,000	496
Plumas	19,739	19,607	132	11,942	3,817	2.2	7.6	8,125	5,482	2,643	2.41	89,900	272
Riverside	1,170,413	1,145,609	24,804	483,847	81,780	4.9	9.9	402,067	270,876	131,191	2.85	139,100	502
Sacramento	1,041,219	1,019,075	22,144	417,574	23,044	1.5	6.8	394,530	223,360	171,170	2.58	129,800	462
San Benito	36,697	36,011	686	12,230	808	3.1	4.3	11,422	6,984	4,438	3.15	206,600	491

TABLE I-9 (Continued)

GENERAL POPULATION AND HOUSING CHARACTERISTICS: 1990 CENSUS

County	Population			Total housing units				Occupied housing units					
						Vacancy rate (%)					Persons		
	Total	House-holds a/	Group Quarters	Total	Vacant	Home owner	Rental	Total	Owner occupied	Renter occupied	per household	Median value b/	Median rent c/
San Bernardino	1,418,380	1,381,081	37,299	542,332	77,595	3.2	8.7	464,737	294,248	170,489	2.97	129,200	489
San Diego	2,498,016	2,389,651	108,365	946,240	58,837	2.0	6.2	887,403	477,579	409,824	2.69	186,700	564
San Francisco	723,959	699,330	24,629	328,471	22,887	1.7	5.7	305,584	105,497	200,087	2.29	298,900	613
San Joaquin	480,628	464,391	16,237	166,274	8,118	1.8	4.5	158,156	91,068	67,088	2.94	121,700	417
San Luis Obispo	217,162	203,339	13,823	90,200	9,919	2.8	5.8	80,281	48,035	32,246	2.53	215,300	510
San Mateo	649,623	637,628	11,995	251,782	9,868	1.7	4.3	241,914	145,552	96,362	2.64	343,900	711
Santa Barbara	369,608	353,711	15,897	138,149	8,347	2.0	5.0	129,802	71,053	58,749	2.73	250,000	606
Santa Clara	1,497,577	1,463,219	34,358	540,240	20,060	1.4	4.5	520,180	307,354	212,826	2.81	289,400	715
Santa Cruz	229,734	222,196	7,538	91,878	8,312	2.4	4.3	83,566	50,052	33,514	2.66	256,100	651
Shasta	147,036	144,318	2,718	60,552	4,586	1.5	4.0	55,966	36,123	19,843	2.58	91,300	358
Sierra	3,318	3,277	41	2,166	830	1.9	11.1	1,336	910	426	2.45	79,300	280
Siskiyou	43,531	42,889	642	20,141	2,835	2.1	7.8	17,306	11,636	5,670	2.48	68,300	270
Solano	340,421	326,662	13,759	119,533	6,104	2.1	6.0	113,429	71,309	42,120	2.88	147,300	521
Sonoma	388,222	380,558	7,664	161,062	12,051	1.7	5.1	149,011	93,763	55,248	2.55	201,400	576
Stanislaus	370,522	364,663	5,859	132,027	6,652	2.2	4.8	125,375	76,129	49,246	2.91	124,300	417
Sutter	64,415	63,543	872	24,163	1,052	1.0	4.4	23,111	13,560	9,551	2.75	91,900	321
Tehama	49,625	48,700	925	20,403	1,699	1.4	5.4	18,704	12,836	5,868	2.60	68,700	288
Trinity	13,063	12,820	243	7,540	2,384	2.4	10.2	5,156	3,591	1,565	2.49	81,800	292
Tulare	311,921	305,814	6,107	105,013	7,152	1.3	4.1	97,861	58,775	39,086	3.12	73,900	324
Tuolumne	48,456	44,188	4,268	25,175	7,216	2.3	5.9	17,959	12,679	5,280	2.46	120,400	392
Ventura	669,016	655,317	13,699	228,478	11,180	2.0	4.9	217,298	142,262	75,036	3.02	245,300	695
Yolo	141,092	134,263	6,829	53,000	2,028	1.0	3.6	50,972	26,446	24,526	2.63	137,800	459
Yuba	58,228	56,280	1,948	21,245	1,469	1.0	4.7	19,776	10,433	9,343	2.85	67,600	312

a/ Includes all persons who occupy a housing unit.
b/ Value is the census respondent's estimate of how much the property (house/mobile home/condominium and lot) would sell for if it were for sale.
c/ Rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included.

Source: U. S. Department of Commerce, Bureau of the Census, 1990 Census of Population and Housing.

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Demographic Research
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TABLE I-10

POPULATION AND HOUSING CHARACTERISTICS: JANUARY 1, 1991 a/

County	Population			Housing units f/								Pop. per household e/
					Single							
	Total	Households b/c/	Group quarters d/	Total	Detached	Attached	2 to 4	5 or more	Mobile homes	Occupied	% vacant	
California	30,351,029	29,586,696	764,333	11,337,525	n.a.	n.a.	n.a.	n.a.	n.a.	10,533,184	7.09	2.809
Alameda	1,293,036	1,256,535	36,501	507,537	n.a.	n.a.	n.a.	n.a.	n.a.	482,610	4.91	2.604
Alpine	1,135	1,134	1	1,329	n.a.	n.a.	n.a.	n.a.	n.a.	456	65.69	2.487
Amador	31,272	26,060	5,212	13,098	n.a.	n.a.	n.a.	n.a.	n.a.	10,723	18.13	2.430
Butte	186,730	182,135	4,595	77,643	n.a.	n.a.	n.a.	n.a.	n.a.	73,134	5.81	2.490
Calaveras	33,341	33,005	336	19,746	n.a.	n.a.	n.a.	n.a.	n.a.	13,206	33.12	2.499
Colusa	16,629	16,269	360	6,362	n.a.	n.a.	n.a.	n.a.	n.a.	5,671	10.86	2.869
Contra Costa	819,293	808,809	10,484	320,369	n.a.	n.a.	n.a.	n.a.	n.a.	305,306	4.70	2.649
Del Norte	25,927	21,972	3,955	9,350	n.a.	n.a.	n.a.	n.a.	n.a.	8,176	12.56	2.687
El Dorado	130,844	129,490	1,354	62,879	n.a.	n.a.	n.a.	n.a.	n.a.	47,757	24.05	2.711
Fresno	686,831	674,264	12,567	240,894	n.a.	n.a.	n.a.	n.a.	n.a.	226,009	6.18	2.983
Glenn	25,325	24,974	351	9,386	n.a.	n.a.	n.a.	n.a.	n.a.	8,895	5.23	2.808
Humboldt	120,982	117,575	3,407	51,817	n.a.	n.a.	n.a.	n.a.	n.a.	47,068	9.16	2.498
Imperial	112,335	110,020	2,315	37,406	n.a.	n.a.	n.a.	n.a.	n.a.	33,667	10.00	3.268
Inyo	18,573	18,089	484	8,806	n.a.	n.a.	n.a.	n.a.	n.a.	7,686	12.72	2.353
Kern	559,886	546,254	13,632	202,681	n.a.	n.a.	n.a.	n.a.	n.a.	185,779	8.34	2.940
Kings	104,432	91,711	12,721	31,308	n.a.	n.a.	n.a.	n.a.	n.a.	29,494	5.79	3.109
Lake	52,009	50,991	1,018	29,487	n.a.	n.a.	n.a.	n.a.	n.a.	21,373	27.52	2.386
Lassen	27,982	23,087	4,895	10,495	n.a.	n.a.	n.a.	n.a.	n.a.	8,763	16.50	2.635
Los Angeles	8,988,754	8,813,595	175,159	3,187,100	n.a.	n.a.	n.a.	n.a.	n.a.	3,014,197	5.43	2.924
Madera	92,303	88,963	3,340	32,014	n.a.	n.a.	n.a.	n.a.	n.a.	29,343	8.34	3.032
Marin	233,482	224,845	8,637	100,451	n.a.	n.a.	n.a.	n.a.	n.a.	95,748	4.68	2.348
Mariposa	14,792	14,064	728	7,915	n.a.	n.a.	n.a.	n.a.	n.a.	5,755	27.29	2.444
Mendocino	81,796	79,632	2,164	34,173	n.a.	n.a.	n.a.	n.a.	n.a.	30,940	9.46	2.574
Merced	184,005	180,397	3,608	59,865	n.a.	n.a.	n.a.	n.a.	n.a.	56,584	5.48	3.188
Modoc	9,834	9,417	417	4,732	n.a.	n.a.	n.a.	n.a.	n.a.	3,756	20.63	2.507
Mono	10,243	10,139	104	10,944	n.a.	n.a.	n.a.	n.a.	n.a.	4,058	62.92	2.499
Monterey	362,850	341,604	21,246	122,314	n.a.	n.a.	n.a.	n.a.	n.a.	114,167	6.66	2.992
Napa	112,669	106,847	5,822	44,957	n.a.	n.a.	n.a.	n.a.	n.a.	41,993	6.59	2.544
Nevada	80,937	79,494	1,443	38,341	n.a.	n.a.	n.a.	n.a.	n.a.	31,670	17.40	2.510
Orange	2,453,277	2,415,913	37,364	885,929	n.a.	n.a.	n.a.	n.a.	n.a.	836,629	5.56	2.888
Placer	179,237	176,927	2,310	80,865	n.a.	n.a.	n.a.	n.a.	n.a.	66,764	17.44	2.650
Plumas	20,067	19,935	132	12,117	n.a.	n.a.	n.a.	n.a.	n.a.	8,268	31.77	2.411
Riverside	1,225,018	1,199,409	25,609	500,662	n.a.	n.a.	n.a.	n.a.	n.a.	418,420	16.43	2.867
Sacramento	1,066,840	1,043,354	23,486	428,327	n.a.	n.a.	n.a.	n.a.	n.a.	405,218	5.40	2.575
San Benito	37,193	36,509	684	12,378	n.a.	n.a.	n.a.	n.a.	n.a.	11,611	6.20	3.144

TABLE I-10 (Continued)

POPULATION AND HOUSING CHARACTERISTICS: JANUARY 1, 1991 a/

County	Population			Housing units f/								
					Single							
	Total	House-holds b/c/	Group quarters d/	Total	Detached	Attached	2 to 4	5 or more	Mobile homes	Occupied	% vacant	Pop. per house-hold e/
San Bernardino	1,471,292	1,435,108	36,184	555,735	n.a.	n.a.	n.a.	n.a.	n.a.	479,499	13.72	2.993
San Diego	2,548,728	2,438,184	110,544	958,859	n.a.	n.a.	n.a.	n.a.	n.a.	899,302	6.21	2.711
San Francisco	726,710	702,269	24,441	330,032	n.a.	n.a.	n.a.	n.a.	n.a.	306,980	6.98	2.288
San Joaquin	490,008	473,955	16,053	168,914	n.a.	n.a.	n.a.	n.a.	n.a.	161,042	4.66	2.943
San Luis Obispo	221,340	207,459	13,881	91,623	n.a.	n.a.	n.a.	n.a.	n.a.	81,562	10.98	2.544
San Mateo	657,290	645,313	11,977	253,284	n.a.	n.a.	n.a.	n.a.	n.a.	243,335	3.93	2.652
Santa Barbara	376,559	360,545	16,014	138,783	n.a.	n.a.	n.a.	n.a.	n.a.	130,851	5.72	2.755
Santa Clara	1,513,096	1,479,195	33,901	543,217	n.a.	n.a.	n.a.	n.a.	n.a.	523,065	3.71	2.828
Santa Cruz	232,453	224,779	7,674	92,772	n.a.	n.a.	n.a.	n.a.	n.a.	84,051	9.40	2.674
Shasta	151,821	149,032	2,789	62,193	n.a.	n.a.	n.a.	n.a.	n.a.	57,619	7.35	2.587
Sierra	3,362	3,323	39	2,182	n.a.	n.a.	n.a.	n.a.	n.a.	1,344	38.41	2.472
Siskiyou	44,219	43,564	655	20,324	n.a.	n.a.	n.a.	n.a.	n.a.	17,448	14.15	2.497
Solano	352,257	338,833	13,424	122,299	n.a.	n.a.	n.a.	n.a.	n.a.	116,301	4.90	2.913
Sonoma	396,755	388,638	8,117	163,834	n.a.	n.a.	n.a.	n.a.	n.a.	152,112	7.15	2.555
Stanislaus	383,322	377,155	6,167	136,448	n.a.	n.a.	n.a.	n.a.	n.a.	129,350	5.20	2.916
Sutter	66,109	65,162	947	25,039	n.a.	n.a.	n.a.	n.a.	n.a.	23,743	5.18	2.744
Tehama	50,897	49,998	899	20,991	n.a.	n.a.	n.a.	n.a.	n.a.	19,127	8.88	2.614
Trinity	13,169	12,921	248	7,581	n.a.	n.a.	n.a.	n.a.	n.a.	5,207	31.32	2.481
Tulare	319,621	313,250	6,371	106,833	n.a.	n.a.	n.a.	n.a.	n.a.	99,514	6.85	3.148
Tuolumne	49,875	45,638	4,237	25,688	n.a.	n.a.	n.a.	n.a.	n.a.	18,488	28.03	2.469
Ventura	677,859	664,417	13,442	231,715	n.a.	n.a.	n.a.	n.a.	n.a.	220,216	4.96	3.017
Yolo	145,022	136,933	8,089	53,790	n.a.	n.a.	n.a.	n.a.	n.a.	52,100	3.14	2.628
Yuba	59,406	57,607	1,799	21,712	n.a.	n.a.	n.a.	n.a.	n.a.	20,034	7.73	2.875

a/ Estimate. Benchmarked to the 1990 Census.
b/ Number of persons living in occupied housing units, or households.
c/ Includes persons living in mobile homes.
d/ Not included in households.
e/ Population in households divided by the number of occupied housing units.
f/ Estimates for housing units by type, benchmarked to the 1990 Census, are expected to be available in 1992.

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Demographic Research Unit
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SECTION J

TRANSPORTATION AND PUBLIC UTILITIES

This section presents selected transportation statistics on California's public roads, airports, and seaports and data summarizing the operations of public utilities.

The statistical data relating to highway transportation provide information on mileage, fuel distribution, construction and maintenance mileage, vehicle registrations, licensed drivers, and accidents.

In addition, this section contains statistics on the value of imports and exports through California's airports and seaports. Also contained are representative utility bills for selected cities.

TABLE J-1

MILEAGE OF MAINTAINED PUBLIC ROADS IN EACH COUNTY BY JURISDICTION, DECEMBER 31, 1990

County	Total	County Roads	City Streets	State Highways a/	State Parks	State Forest	G.G. BR b/	U.S. FS c/	U.S. BLM d/	U.S. NPS e/	U.S. BIA f/
Alameda	3,348.5	495.1	2,646.4	206.0	1.0	--	--	--	--	--	--
Alpine	272.2	134.3	--	82.7	3.9	--	--	49.8	1.0	--	0.5
Amador	660.7	403.3	58.0	126.9	1.1	--	--	70.1	--	--	1.3
Butte	2,155.4	1,379.9	332.7	183.5	23.3	--	--	216.2	14.0	--	5.8
Calaveras	1,000.6	687.2	17.3	150.3	39.2	--	--	91.6	15.0	--	--
Colusa	968.8	730.2	39.7	114.8	1.5	--	--	66.2	11.0	--	5.4
Contra Costa	2,989.0	742.8	2,056.7	112.2	75.8	--	--	--	--	1.5	--
Del Norte	733.9	298.1	18.5	92.0	27.2	--	--	246.1	--	43.5	8.5
El Dorado	2,040.5	1,021.1	164.2	172.4	162.6	--	--	507.7	11.0	--	1.5
Fresno	6,671.5	3,619.0	1,889.8	522.9	29.0	--	--	544.7	32.0	33.7	0.4
Glenn	1,078.1	864.5	49.3	110.1	--	--	--	54.0	--	--	0.2
Humboldt	2,417.2	1,204.0	253.3	335.5	87.8	--	--	344.7	50.0	33.5	108.4
Imperial	3,425.6	2,587.1	265.0	402.4	16.2	--	--	--	140.0	--	14.9
Inyo	2,885.0	1,129.6	10.9	424.4	--	--	--	95.1	808.0	407.9	9.1
Kern	6,067.4	3,308.2	1,616.7	869.7	6.5	--	--	109.3	157.0	--	--
Kings	1,388.2	966.6	263.7	156.7	--	--	--	--	--	--	1.2
Lake	1,103.9	620.4	182.5	135.7	19.8	22.8	--	95.1	25.0	--	2.6
Lassen	2,186.1	941.2	29.0	303.6	--	--	--	373.5	531.0	7.8	--
Los Angeles	21,051.7	3,296.1	16,205.5	896.5	90.6	--	--	549.7	--	13.3	--
Madera	2,096.3	1,547.8	170.9	129.3	--	--	--	247.8	--	0.5	--
Marin	1,231.9	415.9	578.0	90.4	64.6	--	0.5	--	--	82.5	--
Mariposa	994.7	558.8	--	118.3	--	--	--	66.3	18.0	231.1	2.2
Mendocino	2,079.2	1,016.1	98.2	381.2	41.1	368.1	--	111.6	56.0	--	6.9
Merced	2,435.9	1,768.8	382.0	255.0	30.1	--	--	--	--	--	--
Modoc	1,803.8	994.3	33.6	177.6	--	--	--	463.2	121.0	10.9	3.2
Mono	1,719.3	686.6	51.1	314.7	8.8	--	--	452.1	204.0	--	2.0
Monterey	2,298.1	1,269.4	579.5	288.7	39.4	--	--	105.1	16.0	--	--
Napa	852.7	473.2	241.3	111.9	7.3	--	--	--	19.0	--	--
Nevada	1,181.9	700.3	54.9	129.7	22.2	--	--	254.8	20.0	--	--
Orange	5,841.2	541.6	5,031.7	245.6	18.0	--	--	4.3	--	--	--
Placer	1,854.6	1,000.4	425.8	161.2	9.1	--	--	248.1	10.0	--	--
Plumas	1,939.0	663.5	19.2	182.3	15.8	--	--	1,053.2	--	5.0	--
Riverside	7,425.6	2,650.8	3,438.4	700.2	43.1	--	--	10.9	350.0	172.4	59.8
Sacramento	4,172.5	2,584.7	1,355.1	226.5	6.2	--	--	--	--	--	--
San Benito	849.5	415.5	72.9	90.6	245.1	--	--	--	17.0	8.4	--
San Bernardino	9,484.9	3,143.3	4,583.6	1,214.3	33.1	--	--	38.8	414.0	25.9	31.9
San Diego	8,591.9	1,854.7	5,042.6	586.6	872.5	--	--	25.1	38.0	2.4	170.0
San Francisco	890.8	--	850.9	31.2	2.4	--	1.8	--	--	4.5	--
San Joaquin	3,121.1	1,703.5	1,137.2	263.7	16.7	--	--	--	--	--	--
San Luis Obispo	2,378.7	1,273.6	510.3	363.6	55.1	--	--	68.1	108.0	--	--
San Mateo	2,040.3	320.3	1,473.2	213.0	33.8	--	--	--	--	--	--
Santa Barbara	1,963.1	907.3	548.8	304.2	32.0	--	--	168.9	--	--	1.9
Santa Clara	4,490.3	721.3	3,337.4	244.5	187.1	--	--	--	--	--	--
Santa Cruz	1,127.4	604.0	283.4	124.7	115.3	--	--	--	--	--	--
Shasta	2,680.8	1,243.4	394.9	313.0	35.0	81.0	--	424.9	28.0	153.5	7.1
Sierra	831.3	389.2	7.2	97.6	--	--	--	336.3	1.0	--	--
Siskiyou	2,324.8	1,368.1	149.1	349.5	--	--	--	359.9	67.0	30.4	0.8
Solano	1,667.5	620.7	882.6	162.0	2.2	--	--	--	--	--	--
Sonoma	2,545.0	1,449.8	760.6	237.5	91.6	--	--	--	4.0	--	1.5
Stanislaus	2,658.1	1,577.0	891.2	181.3	8.6	--	--	--	--	--	--
Sutter	1,045.9	860.8	101.4	83.7	--	--	--	--	--	--	--
Tehama	1,778.7	1,097.3	100.1	206.6	2.1	--	--	362.5	6.0	4.1	--
Trinity	1,905.0	709.8	--	202.5	0.1	--	--	899.6	93.0	--	--
Tulare	4,848.9	3,125.8	645.9	352.7	3.5	30.1	--	491.9	89.0	92.4	17.6
Tuolumne	1,179.2	603.3	22.3	153.7	2.2	--	--	321.1	9.0	67.6	--
Ventura	2,629.3	547.2	1,674.3	271.5	73.1	--	--	57.5	--	5.7	--
Yolo	1,369.1	822.1	348.0	182.8	--	--	--	--	16.0	--	0.2
Yuba	801.9	587.4	67.4	64.5	--	--	--	78.6	4.0	--	--
Total	163,574.5	67,246.3	62,444.2	15,206.2	2,702.7	502.0	2.3	10,064.4	3,503.0	1,438.5	464.9

a/ Centerline mileage based on federal criteria. Both streets included in couplet mileage. Also includes mileage to be relinquished to cities and counties at a future date. b/ Golden Gate Bridge c/ Forest Service d/ Bureau of Land Management e/ National Park Service
f/ Bureau of Indian Affairs

California Department of Transportation
Division of Highways, (916) 653-3205

TABLE J-2

STATE HIGHWAY MILEAGE BY AVERAGE DAILY TRAFFIC VOLUME AND ROAD SURFACE TYPE, DECEMBER 31, 1990 a/

	Total	Rural	Urban
Annual average daily traffic volume group:			
Under 1,000 vehicles	1,816	1,800	16
1,000- 4,999	5,099	4,998	101
5,000- 14,999	3,531	3,129	402
15,000- 29,999	1,765	1,183	582
30,000- 49,999	1,024	410	614
50,000- 99,999	854	263	591
100,000-199,999	782	38	744
200,000 and over	335	3	332
Total	15,206	11,824	3,382
Road surface type:			
Portland cement concrete	2,659	1,288	1,371
High type bituminous	9,766	7,976	1,790
Low type bituminous	2,508	2,443	65
Unsurfaced	7	7	0
Bridges	266	110	156
Total	15,206	11,824	3,382

a/ Centerline mileage based on federal criteria --both streets are included in couplet mileage, also includes mileage to be relinquished to cities and counties at a future date.

California Department of Transportation
Division of Highways
(916) 653-3205

TABLE J-3

DISTRIBUTION OF FEE-PAID REGISTRATIONS BY TYPE AND AGE OF VEHICLE, 1991 a/
(Cumulative percent)

Vehicle age; Less than:	Auto	Commer- cial	Trailers	Motor- cycles
1 year	9.20	7.85	6.29	7.88
2 years	17.91	16.04	12.66	14.22
3 years	26.33	23.72	19.37	20.50
4 years	34.24	31.27	25.83	28.06
5 years	42.53	39.27	31.96	36.06
6 years	50.02	46.93	37.33	44.19
7 years	56.51	53.18	42.55	51.61
8 years	61.91	57.69	46.27	58.12
9 years	66.12	61.31	49.23	63.17
10 years	70.14	64.51	52.24	68.14
11 years	73.91	67.84	55.10	73.00
12 years	77.89	71.75	58.65	77.99
13 years	81.78	75.53	62.34	81.09
14 years	84.94	78.78	65.46	84.12
15 years	87.11	81.24	68.30	86.40
16 years	88.57	83.07	70.70	88.27
17 years	89.87	84.91	73.17	90.02
18 years	91.35	87.11	75.89	91.67
19 years	92.63	89.07	78.38	93.11
20 years	93.68	90.50	80.45	94.52
21 years	94.55	91.74	82.27	96.01
22 years	95.41	92.94	83.95	97.06
23 years	96.16	93.95	85.36	97.70
24 years	96.77	94.67	86.53	98.15
25 years	97.35	95.40	87.67	98.49
All years	100.00	100.00	100.00	100.00

a/ Percents derived from "Year First Sold, Vehicles Currently Registered", a file status report as of March 31, 1991.

Department of Motor Vehicles
Forecasting/MIS Unit
(916) 657-6644

TABLE J-4

ESTIMATED FEE PAID VEHICLE REGISTRATIONS BY COUNTY AS OF DECEMBER 31, 1990

County	Autos	Trucks	Trailers	Motorcycles	Total
Alameda	727,547	198,780	85,565	28,512	1,040,404
Alpine	660	381	162	33	1,236
Amador	18,054	11,604	6,101	1,027	36,786
Butte	103,891	48,904	31,905	5,615	190,315
Calavaras	21,555	13,527	7,769	1,211	44,062
Colusa	9,098	6,820	4,396	347	20,661
Contra Costa	509,812	132,226	61,701	19,478	723,217
Del Norte	11,122	6,202	3,964	471	21,759
El Dorado	81,941	40,362	22,185	3,841	148,329
Fresno	310,225	148,471	66,733	12,140	537,569
Glenn	13,614	9,414	6,381	607	30,016
Humboldt	64,300	36,012	19,592	3,115	123,019
Imperial	62,061	29,494	13,841	1,726	107,122
Inyo	11,241	7,371	4,539	769	23,920
Kern	258,761	135,211	66,667	13,635	474,274
Kings	42,629	21,527	9,659	2,118	75,933
Lake	33,234	17,439	12,711	2,000	65,384
Lassen	12,537	8,880	5,840	738	27,995
Los Angeles	4,817,814	1,149,017	383,878	147,464	6,498,173
Madera	45,260	26,657	13,887	2,112	87,916
Marin	165,456	36,162	12,467	6,622	220,707
Mariposa	9,156	5,878	3,287	595	18,916
Mendocino	45,421	28,063	13,491	2,636	89,611
Merced	85,042	41,285	20,457	3,234	150,018
Modoc	4,598	4,191	2,529	208	11,526
Mono	6,080	3,711	2,111	406	12,308
Monterey	193,802	63,113	24,344	6,386	287,645
Napa	66,336	26,643	14,678	3,144	110,801
Nevada	53,349	27,067	16,215	2,766	99,397
Orange	1,486,200	364,128	131,994	50,715	2,033,037
Placer	113,730	51,382	29,752	5,277	200,141
Plumas	12,592	8,202	5,597	762	27,153
Riverside	601,555	228,612	105,887	24,161	960,215
Sacramento	575,335	185,215	150,775	21,606	932,931
San Benito	19,494	10,251	4,502	772	35,019
San Bernardino	718,369	282,565	121,395	31,421	1,153,750
San Diego	1,396,505	398,874	134,181	51,094	1,980,654
San Francisco	328,036	78,909	39,153	18,045	464,143
San Joaquin	232,228	98,718	60,141	9,290	400,377
San Luis Obispo	127,422	53,503	28,449	6,817	216,191
San Mateo	493,969	104,509	63,735	14,582	676,795
Santa Barbara	218,053	70,292	26,946	10,782	326,073
Santa Clara	953,666	227,880	89,261	34,907	1,305,714
Santa Cruz	144,601	51,643	18,059	7,436	221,739
Shasta	86,603	49,525	35,658	4,030	175,816
Sierra	1,940	1,442	757	98	4,237
Siskiyou	24,654	17,789	10,836	1,201	54,480
Solano	188,994	61,716	28,795	8,392	287,897
Sonoma	235,935	94,141	44,391	10,247	384,714
Stanislaus	198,581	90,749	49,646	8,255	347,231
Sutter	36,142	18,563	10,845	1,423	66,973
Tehama	25,865	16,539	11,220	1,330	54,954
Trinity	7,239	5,199	3,691	535	16,664
Tulare	136,868	73,068	36,190	6,997	253,123
Tuolumne	29,371	16,935	9,847	1,678	57,831

TABLE J-4 (Continued)

ESTIMATED FEE PAID VEHICLE REGISTRATIONS BY COUNTY AS OF DECEMBER 31, 1990

County	Autos	Trucks	Trailers	Motorcycles	Total
Ventura	398,425	125,067	46,663	17,010	587,165
Yolo	73,806	36,977	34,671	3,036	148,490
Yuba	30,334	15,144	9,094	1,432	56,004
Out of State	119,704	58,640	100,431	2,573	281,348
Interstate registration program a/	---	68,291	58,117	---	126,408
Total fee paid registrations	16,800,812	5,248,880	2,437,734	628,860	25,116,286
Fee exempt registrations	149,036	181,042	37,886	11,885	379,849
Total	16,949,848	5,429,922	2,475,620	640,745	25,496,135

a/ Vehicles based in other states which pay fees to operate in California.

Department of Motor Vehicles
Forecasting and MIS Unit
(916) 657-6644

TABLE J-5

REGISTRATION OF MOTOR VEHICLES AND TRAILERS WHICH PAID FEES BY TYPE OF VEHICLE, 1970 TO 1990

Year	Passenger vehicles	Commercial vehicles	Trailers and semi-trailers b/	Motor-cycles	New fee paid automobile registrations a/
1970	10,004,155	1,758,685	1,299,716	561,621	873,862
1971	10,375,354	1,835,260	1,418,022	608,180	1,004,373
1972	10,744,981	1,946,649	1,537,201	611,580	1,076,433
1973	11,141,520	2,107,998	1,638,966	624,695	1,167,269
1974	11,061,869	2,454,856	1,751,824	665,273	830,532
1975	11,119,563	2,588,025	1,789,859	661,231	807,983
1976	11,397,001	2,690,495	1,867,673	660,977	916,875
1977	11,883,719	2,892,616	1,967,479	671,644	1,123,042
1978	12,319,392	3,083,028	2,102,224	655,950	1,184,577
1979	12,612,177	3,254,970	2,182,794	713,820	1,127,147
1980	13,161,470	3,435,732	2,209,203	737,774	960,708
1981	13,095,045	3,404,991	1,794,002	731,310	920,149
1982	13,292,130	3,512,284	1,742,781	678,174	851,809
1983	13,803,673	3,706,832	1,726,635	695,813	1,031,673
1984	13,961,551	3,847,202	1,775,168	695,251	1,188,419
1985	14,584,092	4,359,108	2,086,014	702,782	1,268,036
1986	15,213,447	4,545,444	2,126,383	699,239	1,423,722
1987	15,559,586	4,712,921	2,178,635	674,742	1,432,378
1988	16,338,030	5,060,518	2,289,548	653,553	1,461,173
1989	16,555,159	5,181,076	2,460,632	631,586	1,457,370
1990	16,800,812	5,248,880	2,437,734	628,860	1,442,469

a/ Vehicles registered for the first time regardless of age.
b/ Including trailer coaches.

Department of Motor Vehicles
Forecasting and MIS Unit
(916) 657-6644

TABLE J-6

FUEL DISTRIBUTIONS IN CALIFORNIA
TAXABLE GALLONS DISTRIBUTED 1970 TO 1990
(In thousands)

Year	Gross taxable motor vehicle fuel a/	Gasahol b/	Refunds c/	Net taxable motor vehicle fuel	Taxable jet fuel d/	Taxable diesel fuel e/
1970	9,106,062		200,561	8,905,501	13,898	586,077
1971	9,400,972		192,555	9,208,417	12,376	647,339
1972	10,040,177		208,979	9,831,198	16,364	700,706
1973	10,356,068		234,032	10,122,036	19,061	776,264
1974	9,906,222		205,369	9,700,853	19,853	760,662
1975	10,237,380		211,285	10,026,095	21,120	779,283
1976	10,756,388		221,077	10,535,311	25,210	867,350
1977	11,328,008		240,830	11,087,178	32,879	910,385
1978	11,877,558		294,094	11,583,464	36,353	1,073,207
1979	11,539,624		309,925	11,229,699	53,091	1,162,607
1980	11,227,774		343,645	10,884,129	46,526	1,154,177
1981	11,129,697	147,796	367,116	10,762,581	40,728	1,236,781
1982	10,969,832 f/	464,004	316,943	10,652,889	39,281	1,234,898
1983	11,145,788	480,850	173,762	10,972,026	38,989	1,291,167
1984	11,518,148	401,838	161,509	11,356,639	42,032	1,446,712
1985	11,739,485	228,017	134,755	11,604,730	38,930	1,498,164
1986	12,272,014	189,047	145,557	12,126,457	42,837	1,593,662
1987	12,674,816	252,703	202,540	12,472,276	44,382	1,730,682
1988	13,019,044	489,237	151,661	12,867,383	49,929	1,782,724
1989	13,321,349	369,184	221,832	13,099,517	57,586	1,853,570 r/
1990	13,411,030	468,516	202,964	13,208,066	58,744	1,825,133

a/ Includes all gasoline on which State excise tax was paid ($.07/gallon through December 1982; $.09/gallon effective January 1, 1983; $0.14/gallon effective August 1, 1990.).
b/ Included in Gross Taxable Motor Vehicle Fuel. Not separately identified until 1981.
c/ Refunds for nonhighway use by contractors, agriculture, the United States Government, etc.
d/ Fuel on which State excise tax of $.02/gallon was paid; excludes fuel used by commercial airlines (common carriers) or the United States Government.
e/ Includes a negligible amount of compressed natural gas through 1982.
f/ Includes 60,949,000 gallons exported after tax was paid; gallonage cannot be identified for prior years.
r/ Revised
Board of Equalization, Research and Statistics Division, (916) 445-0840

TABLE J-7

MOTOR VEHICLE LICENSED DRIVERS AND DRIVERS INVOLVED IN ACCIDENTS BY AGE GROUP, CALIFORNIA, 1990 a/

	Licensed		Fatal		Injury	
	Number	Percent	Number	Percent	Number	Percent
Total	19,877,400	100.0	6,862	100.0	423,745	100.0
0-14 years	--	--	9	0.1	544	0.1
15-19 years	860,600	4.3	696	10.7	45,871	11.5
20-24 years	2,087,200	10.5	1,166	17.9	69,848	17.6
25-34 years	5,305,800	26.7	1,930	29.6	118,824	29.8
35-44 years	4,597,300	23.1	1,204	18.5	75,478	19.0
45-54 years	2,806,300	14.1	607	9.3	39,218	9.9
55-64 years	1,988,700	10.0	391	6.0	23,998	6.0
65 and over	2,231,500	11.3	519	7.9	24,433	6.1
Not stated	--	--	340	--	25,531	--

a/ Percents are based on drivers by age group and do not include 'Not stated'.

Department of California Highway Patrol
Management Information Section
(916) 657-7432

TABLE J-8

NUMBER OF MOTOR VEHICLE TRAFFIC ACCIDENTS AND PERSONS KILLED AND INJURED, CALIFORNIA, 1990

Accident by type of involvement	Fatal and injury accidents	Victims	
		Killed	Injured
Total	241,202	5,173	365,758
Pedestrian	17,014	956	17,493
Other motor vehicle	153,829	1,897	258,732
Motor vehicle on other road	1,144	20	1,932
Parked motor vehicle	6,817	108	8,645
Train	140	34	169
Bicyclists	15,187	126	15,692
Animal	417	7	509
Fixed object	31,702	1,405	42,668
Other object	1,912	66	2,507
Non-collision	13,029	553	17,384
Other	11	1	27

TABLE J-9

MOTOR VEHICLE ACCIDENT VICTIMS BY AGE AND SEX, CALIFORNIA, 1990

Age group	Killed			Injured		
	Total	Male	Female	Total	Male	Female
Total	5,173	3,696	1,477	365,758	198,156	167,602
0-4 years	136	78	58	8,558	4,651	3,907
5-9 years	110	70	40	13,160	7,233	5,927
10-14 years	106	60	46	15,438	8,584	6,854
15-19 years	548	399	149	51,373	28,050	23,323
20-24 years	869	697	172	61,362	36,607	24,755
25-34 years	1,175	914	261	91,624	51,907	39,717
35-44 years	715	532	183	53,929	27,739	26,190
45-54 years	425	281	144	28,319	13,644	14,675
55-64 years	308	189	119	17,806	8,429	9,377
65 and over	640	364	276	19,309	8,629	10,680
Not stated	141	112	29	4,880	2,683	2,197

TABLE J-10

MOTOR VEHICLE ACCIDENTS AND VICTIMS BY LOCATION OF ACCIDENT, CALIFORNIA, 1990

City size	Number of accidents			Number of victims		
	Total	Fatal	Injury	Total	Killed	Injury
Total	241,202	4,660	236,542	370,931	5,173	365,758
Cities below 2,500 pop.	973	23	950	1,460	23	1,437
2,500 to 10,000	4,163	74	4,089	6,169	76	6,093
10,000 to 25,000	11,902	180	11,722	17,712	203	17,509
25,000 to 50,000	26,348	371	25,977	38,351	400	37,951
50,000 to 100,000	38,686	529	38,157	57,359	579	56,780
100,000 to 250,000	28,965	373	28,592	43,101	397	42,704
250,000 and over	74,654	957	73,697	117,754	1,026	116,728
Unincorporated area	55,511	2,153	53,358	89,025	2,469	86,556

Source agency for tables J8, J9 and J10:
Department of California Highway Patrol
Management Information Section
(916) 657-7432

TABLE J-11

PRODUCTION OF ELECTRICAL ENERGY, CALIFORNIA SOURCES, 1982 TO 1990

(Millions of kilowatt-hours)

	1982	1983	1984	1985	1986	1987	1988	1989	1990
Total generation	140,143	143,717	150,221	152,655	159,675	172,395	182,782	194,705	188,904
Utility-owned: total	137,524	139,200	143,576	143,266	145,377	152,078	151,256	152,541	137,863
Hydroelectric	51,379	60,066	47,560	34,511	45,995	26,942	25,760	32,095	25,428
Coal	16,965	17,001	18,079	14,112	17,588	17,543	19,243	17,223	17,659
Natural gas	50,763	42,211	53,600	63,074	40,086	61,765	52,527	51,959	45,080
Steam	47,455	41,170	52,577	61,368	38,893	60,495	50,637	48,965	42,924
Int. combustion	783	0	0	1	3	2	18	17	8
Combustion turbine	539	48	45	56	649	81	94	95	94
Combined cycle	1,986	993	978	1,649	541	1,187	1,778	2,882	2,054
Heavy oil	9,306	6,253	2,195	2,467	2,739	1,948	7,576	8,140	4,275
Mid. distillate	132	84	104	134	222	167	118	135	163
Steam	0	0	0	0	72	5	54	38	80
Int. combustion	13	16	17	17	25	32	21	23	24
Combustion turbine	106	67	73	65	103	127	41	66	53
Combined cycle	13	1	14	52	22	3	2	8	6
Nuclear	3,855	6,736	13,465	18,911	28,001	32,995	35,480	33,803	36,610
Geothermal	4,843	6,118	7,669	9,282	10,139	10,149	9,576	8,902	8,153
Other	281	731	904	775	607	569	976	284	495
Qualifying facilities: total	1,190	2,133	3,861	6,569	10,355	14,253	23,066	33,252	41,685
Cogeneration	611	1,298	2,777	4,790	7,455	10,286	18,131	25,181	31,756
Geothermal	510	679	693	835	1,263	1,662	2,367	4,818	6,354
Solar	0	2	11	31	60	186	314	469	679
Wind	4	49	189	655	1,218	1,710	1,824	2,139	2,418
Hydroelectric	65	105	191	258	359	409	430	645	478
Private supply	1,429	2,384	2,784	2,820	3,943	6,064	8,460	8,912	9,356

Source: Quarterly Fuel and Energy Reports and Common Forecasting Methodology forms submitted by electric utilities.
Note: Excludes out-of-state purchases.
California Energy Commission, (916) 654-4893

TABLE J-12

REPRESENTATIVE UTILITY BILLS
GAS, ELECTRIC AND TELEPHONE, CALIFORNIA, JANUARY 1, 1991

City	Gas a/ Residential 70 Therms per month		Electric a/ Domestic 500 Kwh per month		Telephones d/ Residential Flat Rate 1-Part	Residential Measured Rate /e 1-Party	Business Measured Rate 1-Party	
Bakersfield b/ (Main & South)	$38.02	b1/	$58.37		$8.35	$4.45($3)	$8.95	
(North)	39.63	b2/			8.35	4.45($3)	8.35	f/
Fresno	35.46		57.94		8.35	4.45($3)	9.75	
Long Beach	31.65	c/	58.38		9.75	5.25($3)	9.10	
Los Angeles (Central)	38.38		47.50	c/	8.35	4.45($3)	8.35	
Oakland (East Bay)	38.02		60.95		8.35	4.45($3)	8.35	
Redding	35.46		28.30	c/	8.65	4.75($3)	12.15	g/
Sacramento	35.46		37.14	c/	8.35	4.45($3)	8.35	
San Diego	40.11		55.39		8.35	4.45($3)	8.35	
San Francisco	38.02		60.95		8.35	4.45($3)	8.35	
San Jose	35.46		58.05		8.35	4.45($3)	8.35	
Stockton	35.46		58.05		8.35	4.45($3)	8.35	

a/ Privately owned utilities calculated using appropriate Baseline allowance for each utility and zone. Bills are based on total effective rates including balancing account adjustment factors and CPUC Reimbursement Fee.
b/ Served by two gas utilities: b1/--PG&E, b2/--Southern California Gas. c/ Publicly owned utility.
d/ Data relate to an exchange with the same name as the city listed. Exchange boundaries may exclude parts of the city and include parts of other areas. The rates shown do not reflect the following surcharges in effect on 1/1/1991: 10.006% basic billing surcredit (except Long Beach, 6.58% surcharge), 0.3% surcharge to fund communications devices for the deaf/disabled, 0.1% surcharge to fund CPUC. The rates shown do not reflect the interstate access monthly charges of $3.50 per residential line and $4.02 per business line.
e/ Figures in parentheses indicate usage allowance. f/ North District Area g/ Expanded local calling area.

Public Utilities Commission
Commission Advisory and Compliance Division: Gas/Elec: (415) 703-1974, Phones: (415) 703-3073

SECTION K

TRADE AND SERVICES

This section presents information from the Economic Censuses on wholesale and retail trade, and services in California. Also provided are data on taxable sales, licensed vocational and professional personnel, and foreign trade through California ports.

Additional information is available from the State Board of Equalization and the final census reports for the State, issued by the U.S. Department of Commerce, Bureau of the Census.

TABLE K-1

SELECTED STATISTICS ON WHOLESALE TRADE, BY TYPE OF BUSINESS, 1987 a/

(Dollar amounts in thousands)

1972 SIC Code	Selected kinds of business	Total			Merchant wholesalers		Other operating types b/		Percentage change (Total wholesale) 1982-1987	
		Number of Establishments	Sales	Payroll entire year	Number of Establishments	Sales	Number of Establishments	Sales	Sales	Payroll entire year
	Wholesale trade, total	53,508	$327,216,740	$17,622,282	44,527	$207,197,935	8,981	$120,018,805	50.3	55.1
	Durable Goods									
50	Total c/	34,155	194,237,861	11,399,192	28,804	131,059,998	5,351	63,177,863	73.3	61.5
501	Motor vehicles and automotive parts and supplies	4,186	65,898,029	1,210,174	3,903	49,454,803	283	16,443,226	105.0	40.8
502	Furniture and home furnishings	2,158	6,953,631	543,851	1,715	3,862,599	443	3,091,032	67.7	73.0
503	Lumber and other construction materials	1,946	8,538,947	601,319	1,671	6,490,387	275	2,048,560	85.8	64.1
504	Sporting, recreational, photographic, and hobby goods, toys and supplies	1,455	6,436,273	452,270	1,259	3,972,496	196	2,463,777	44.7	57.9
505	Metals and minerals, except petroleum	1,104	10,728,666	442,863	896	6,468,328	208	4,260,338	18.7	32.9
506	Electrical goods	5,179	32,836,842	2,135,589	3,934	19,550,603	1,245	13,286,239	74.6	77.5
507	Hardware, and plumbing and heating equipment and supplies	2,453	7,204,669	700,409	2,119	5,312,774	334	1,891,895	53.3	49.6
508	Machinery, equipment, and supplies	12,673	47,098,464	4,804,702	10,583	28,381,748	2,090	18,716,716	65.2	66.1
509	Miscellaneous durable goods	3,001	8,542,340	508,015	2,724	7,566,260	277	976,080	50.3	52.7
	Nondurable Goods									
51	Total c/	19,353	132,978,879	6,223,090	15,723	76,137,937	3,630	56,840,942	25.9	44.4
511	Paper and paper products	2,078	10,422,563	709,907	1,681	5,360,113	397	5,062,450	63.6	48.8
512	Drugs, drug proprietaries, and druggists' sundries	723	7,364,935	351,006	612	3,964,438	111	3,400,497	83.2	49.5
513	Apparel, piece goods, and notions	2,815	10,419,193	669,014	2,287	6,953,034	528	3,466,159	83.8	115.7
514	Groceries and related products	5,680	49,879,120	2,286,079	4,441	27,507,931	1,239	22,371,189	32.8	37.2
515	Farm-product raw materials	359	3,554,899	68,836	295	3,011,887	64	543,012	-26.8	0.8
516	Chemicals and allied products	1,293	8,690,319	386,151	956	2,561,835	337	6,128,484	37.9	48.9
517	Petroleum and petroleum products	968	20,985,065	301,160	717	10,338,854	251	10,646,211	-8.9	22.3
518	Beer, wine, and distilled alcoholic beverages	512	6,687,045	473,141	453	5,306,746	59	1,380,299	20.1	31.2
519	Miscellaneous nondurable goods	4,925	14,975,740	977,796	4,281	11,133,099	644	3,842,641	22.3	42.5

a/ Based on 1972 Standard Industrial Classification codes for comparison purposes.
b/ Includes merchandise agents and brokers, and manufacturers' sales branches and sales offices.
Source: U.S. Department of Commerce, Bureau of the Census, 1987 Census of Wholesale Trade.

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TABLE K-2

SELECTED STATISTICS ON RETAIL TRADE, BY TYPE OF BUSINESS, 1987 a/

(Dollar amounts in thousands)

1972 SIC Code	Kind of business b/	Number of Establish-ments c/	Sales	Payroll, entire year	Number of paid employees for week including March 12	Percent change 1982-1987 Sales	Payroll, entire year
	Retail trade, total						
	Incl. used auto parts and accessories stores	157,808	179,810,180	22,733,714	2,022,218	48.9	47.0
	Excl. used auto parts and accessories stores d/	157,760	179,801,438	22,731,730	2,022,068	49.1	47.3
52	Building materials, hardware, garden supply, and mobilehome dealers, total	6,170	9,058,773	1,097,159	71,596	73.8	55.9
521	Lumber and other building materials dealers	2,285	6,033,734	668,666	41,354	97.0	73.4
525	Hardware stores	1,412	1,187,985	177,512	13,679	22.7	19.8
53	General merchandise group stores, total	2,310	21,499,870	2,248,384	199,063	50.0	33.3
531	Department stores (excl. leased depts) e/f/	825	16,315,858	1,913,267	168,942	28.3	27.1
533	Variety stores	662	584,789	78,775	9,685	13.1	3.5
539	Miscellaneous general merchandise stores	823	4,599,223	256,342	20,436	317.5	143.5
54	Food stores, total	19,200	36,494,918	4,132,871	287,648	31.8	34.3
541	Grocery stores	11,529	33,972,012	3,700,742	236,661	31.8	34.0
5422,3	Meat and fish (seafood) markets	1,195	652,892	70,575	6,374	14.8	9.7
546	Retail bakeries	3,765	810,884	221,954	28,594	43.9	42.4
543,4,5,9	Other food stores	2,711	1,059,130	139,600	16,019	34.3	46.3
55 ex. 554	Automotive dealers, total	9,856	38,893,585	3,808,203	158,055	81.7	74.0
551	Motor vehicle dealers--new and used cars	2,283	32,313,170	2,946,879	105,509	91.2	88.4
552	Motor vehicle dealers--used cars only	921	864,409	69,603	4,207	59.3	60.4
553 pt.	Tire, battery, and accessory dealers	4,962	3,446,241	568,708	35,532	32.3	30.1
554	Gasoline service stations, total	9,812	10,742,275	654,279	71,074	2.0	26.4
56	Apparel and accessory stores, total	16,134	9,597,700	1,221,686	131,080	61.3	49.4
561	Mens', boys' clothing stores	1,768	1,098,537	173,195	13,087	15.1	13.1
562	Women's clothing stores	5,849	2,883,287	363,688	45,875	48.6	40.3
565	Family clothing stores	1,785	3,084,164	349,982	35,844	148.1	133.3
566	Shoe stores	4,060	1,685,248	218,387	21,771	28.9	19.2
57	Furniture,home furnishings and equipment stores, total	12,417	10,446,777	1,315,306	86,611	76.6	67.7
571	Furniture and home furnishings stores	7,216	5,280,896	760,462	47,065	71.2	67.1
572	Household appliance stores	987	1,037,478	106,488	6,455	58.0	45.2
573	Radio, television, computer and music stores	4,214	4,128,403	448,356	33,091	90.0	75.3
58	Eating and drinking places, total	45,910	19,989,156	5,205,526	759,634	49.0	48.6
5812	Eating places	40,701	18,926,195	4,960,236	724,294	51.1	50.5
5813	Drinking places (alcoholic beverages)	5,209	1,062,961	245,290	35,340	19.1	18.5
591	Drug stores and proprietary stores, total	4,462	7,319,546	893,823	59,311	42.3	35.1
591 pt.	Drug stores	4,254	7,215,982	881,111	58,250	43.9	36.9
59 ex. 591	Miscellaneous retail stores, total g/	31,537	15,767,580	2,156,477	198,146	41.2	41.1
592	Liquor stores	4,179	2,065,628	169,001	19,644	-8.1	-6.2
594	Miscellaneous shopping goods stores	14,388	7,207,480	938,050	96,104	53.2	39.8
5941	Sporting goods stores and bicycle shops	2,506	1,550,983	176,782	17,817	62.5	46.0
5942	Book stores	1,399	817,578	97,159	11,943	75.8	53.1
5944	Jewelry stores	3,217	1,586,666	267,330	18,375	39.5	36.9
596	Nonstore retailers h/	2,533	3,022,319	423,728	28,568	64.0	54.6
598	Fuel and ice dealers	457	402,878	57,499	3,207	5.0	57.8
5992	Florists	2,738	560,165	114,110	13,973	56.0	54.5

a/ Based on 1972 Standard Industrial Classification codes for comparison purposes.
b/ All kind-of-business classifications are not shown separately; therefore, the detail will not add to the total.
c/ Establishments with payroll. d/ Excludes used auto parts and accessories stores classified in 1972 SIC 593, (incl. in 1987 SIC 5015 pt.) e/ Includes sales from catalog order desks. f/ 25 employees or more. g/ Includes used auto parts and accessories stores.
h/ Nonstore retailers are establishments primarily engaged in the retail sale of merchandise by catalog and mail order; by means of automatic vending machines; by house-to-house canvases; or from a truck or wagon.

Source: U.S. Deparment of Commerce, Bureau of the Census, 1987 Census of Retail Trade.

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TABLE K-3

RETAIL SALES, SELECTED AREAS 1978 TO 1990
(In millions)

Year	California	Los Angeles-Anaheim-Riverside a/	San Francisco-Oakland-San Jose b/	San Diego County
1978	$90,679	$47,960	$23,643	$7,842
1979	105,031	55,662	27,531	8,941
1980	112,523	59,265	28,547	9,583
1981	122,713	64,558	30,591	10,091
1982	124,277	64,619	31,591	9,682
1983	136,766	70,669	34,946	10,137
1984	147,895	76,709	37,170	11,206
1985	161,606	82,144	39,820	12,343
1986	169,878	86,166	39,851	13,356
1987	184,171	91,320	41,732	14,525
1988	196,676	97,982	43,999	16,386
1989	215,184	105,488	50,359	18,210
1990	225,066	112,153	51,788	17,808

a/ Orange, Los Angeles, Ventura, Riverside, and San Bernardino counties
b/ Alameda, Contra Costa, San Francisco, Marin, San Mateo, Santa Clara, Santa Cruz, Sonoma, Napa and Solano counties

Source: U.S. Department of Commerce
Bureau of the Census

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TABLE K-4

TAXABLE SALES IN CALIFORNIA, 1970 TO 1990
(In millions)

Year	Taxable sales	Taxable retail sales
1970	$43,223.3	$28,698.7
1971	46,851.4	31,496.2
1972	53,713.9	36,517.5
1973	61,737.9	42,119.3
1974	68,070.8	45,797.3
1975	73,475.7	49,799.9
1976	83,822.0	57,343.3
1977	99,482.0	67,491.3
1978	113,467.7	76,365.5
1979	131,678.3	87,270.5
1980	142,759.2	94,210.9
1981	155,126.6	101,665.8
1982	154,553.3	102,008.8
1983	169,413.1	113,349.9
1984	194,013.6	126,736.1
1985	208,574.1	135,901.5
1986	217,465.2	141,879.6
1987	231,869.7	150,252.0
1988	251,078.1	162,516.8
1989	272,088.6	175,766.4
1990	281,860.3	181,654.6

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TABLE K-5

APPARENT CONSUMPTIONa/ OF ALCOHOLIC BEVERAGES IN CALIFORNIA, 1988 TO 1990
(In thousands of gallons)

Type of beverage	Apparent consumption 1988	1989	1990
Beer	662,221	680,000	690,922
Wines	117,030	108,958	107,819
Still wines:			
14% alcohol or less	98,765	91,306	92,313
Over 14% alcohol	8,566	8,079	6,828
Champagne & sparkling wines	9,698	9,573	8,678
Distilled spirits	48,176	47,815	50,169

a/ The figures in this table represent taxable distributions. Because tax liability occurs at the time alcoholic beverages are sold by manufacturers or importers rather than at the time a retail sale is made, the data are referred to as apparent rather than actual consumption.

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TABLE K-6

TAXABLE SALES IN CALIFORNIA BY TYPE OF BUSINESS, 1990

(Sales in thousands)

Type of business	Permits 7-1-90 a/	Taxable transactions b/
Total, all outlets	928,953	$281,860,293
Retail stores, total	302,356	$181,654,639
Women's apparel	11,360	$3,206,460
Men's apparel	3,060	1,290,759
Family apparel	8,577	3,879,729
Shoes	4,832	1,968,339
Apparel stores group	27,829	10,345,287
Limited-price variety	904	700,687
Department and dry goods	3,295	23,033,022
Drug stores	4,534	4,771,721
Other general merchandise	2,172	2,051,412
General merchandise stores	10,905	30,556,842
Gifts, art goods, and novelties	9,236	1,220,505
Sporting goods	5,637	2,303,586
Florists	4,801	705,096
Photographic equipment and supplies	1,168	572,896
Musical instruments	2,994	1,499,765
Stationery and books	7,446	2,918,106
Jewelry	7,185	1,555,344
Office, store, and school supplies	7,722	5,674,482
Other, specialties	48,662	7,323,239
Speciality stores group	94,851	23,773,019
Food stores selling all types of liquor	4,586	10,476,460
All other food stores	19,121	4,416,840
Packaged liquor stores	5,535	2,016,907
Eating places: no alcoholic beverages	33,569	9,360,621
Eating places: beer and wine	20,371	5,816,278
Eating and drinking: all types of liquor	11,015	8,098,209
Eating and drinking group	64,955	23,275,108
Household and home furnishings	18,412	5,511,911
Household appliance dealers	4,253	3,743,491
Second-hand merchandise	4,126	326,025
Farm implement dealers	1,217	1,750,936
Farm and garden supply stores	3,641	1,538,704
Fuel and ice dealers	792	368,984
Lumber and building materials	4,485	9,574,650
Hardware stores	2,279	1,746,621
Plumbing and electrical supplies	1,636	1,796,353
Paint, glass, and wallpaper	2,037	1,073,091
Building material group	10,437	14,190,715
New motor vehicle dealers	2,610	25,827,807
Used motor vehicle dealers	5,125	1,895,042
Automotive supplies and parts	9,291	3,592,053
Service stations	11,061	15,861,945
Mobile homes, trailers, and campers	1,198	846,224
Boat, motorcycle, and plane dealers	2,411	1,340,339
Automotive group	31,696	49,363,410
Business and personal services	108,199	13,754,680
All other outlets	518,398	86,450,974

a/ Includes all manufacturers, wholesalers, and retailers of tangible personal property except those dealing solely in commodities (such as cereal products) which are exempt from the retail sales tax.

b/ Excludes tax-exempt retail sales comprised principally of sales of food for home consumption and prescription medicines.

Source agency for tables K6 and K7
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TABLE K-7

TAXABLE SALES BY COUNTY, 1990

(In thousands)

County	Total	Retail
Total a/	$280,123,937	$181,420,102
Alameda	$13,093,613	$7,984,539
Alpine	15,397	1,942
Amador	196,236	141,696
Butte	1,393,306	1,060,854
Calaveras	163,685	110,087
Colusa	175,436	85,767
Contra Costa	7,465,064	5,242,963
Del Norte	140,887	85,393
El Dorado	917,894	681,805
Fresno	5,739,359	4,023,360
Glenn	172,030	89,158
Humboldt	921,199	659,649
Imperial	897,107	567,337
Inyo	194,869	134,137
Kern	4,850,289	3,016,197
Kings	582,138	409,012
Lake	293,891	221,788
Lassen	156,703	97,140
Los Angeles	80,285,389	50,922,504
Madera	583,406	344,907
Marin	2,463,635	1,764,957
Mariposa	106,757	36,882
Mendocino	640,687	462,262
Merced	1,057,141	746,779
Modoc	57,866	36,631
Mono	133,690	83,419
Monterey	2,853,269	2,044,051
Napa	1,002,975	634,173
Nevada	584,996	404,576
Orange	27,767,317	17,486,433
Placer	1,797,263	1,241,015
Plumas	133,057	82,217
Riverside	9,522,631	6,596,974
Sacramento	10,424,299	7,202,879
San Benito	246,067	131,568
San Bernardino	11,269,631	7,809,826
San Diego	21,751,246	15,099,328
San Francisco	8,596,454	5,281,585
San Joaquin	3,808,656	2,587,758
San Luis Obispo	1,730,511	1,260,520
San Mateo	7,843,359	4,879,043
Santa Barbara	3,163,697	2,253,466
Santa Clara	17,914,405	10,388,708
Santa Cruz	1,833,560	1,332,127
Shasta	1,421,658	1,005,417
Sierra	13,994	7,509
Siskiyou	277,998	188,094
Solano	2,501,719	1,869,993
Sonoma	3,751,057	2,632,597
Stanislaus	3,337,501	2,332,457
Sutter	556,440	417,372
Tehama	315,440	216,257
Trinity	53,102	34,677
Tulare	2,148,811	1,490,850
Tuolumne	342,153	248,305
Ventura	5,647,007	3,959,479
Yolo	1,409,671	830,998
Yuba	319,631	229,636
Statewide	3,086,688	229,049

a/ Total does not match those shown in tables K-4 and K-6, which were adjusted for late returns.

TABLE K-8

VALUE OF EXPORTS AND IMPORTS THROUGH CALIFORNIA PORTS, BY ALL MODES OF TRANSPORTATION, 1983 TO 1990

(In millions)

Customs district	1983	1984	1985	1986	1987	1988	1989	1990
Exports a/								
California	$29,379.5	$32,203.5	$32,395.6	$32,838.3	$39,645.8	$53,567.7	$63,048.7	$68,551.7
San Francisco c/	11,314.2	12,374.2	11,305.3	11,443.9	14,274.5	19,079.9	21,441.0	23,117.2
Los Angeles d/	17,139.4	18,413.6	19,474.9	19,855.6	23,668.0	31,962.5	38,596.5	42,069.0
San Diego e/	925.9	1,415.7	1,615.4	1,538.8	1,703.3	2,525.3	3,011.2	3,365.5
Imports b/								
California	$37,943.7	$49,270.3	$61,605.9	$69,868.4	$78,329.7	$86,600.5	$94,080.0	$97,121.5
San Francisco c/	11,277.8	16,428.0	15,455.1	18,980.3	21,761.1	25,062.0	27,259.3	28,141.0
Los Angeles d/	25,454.2	31,226.4	44,305.9	48,667.8	53,886.8	58,082.1	62,773.8	64,591.6
San Diego e/	1,211.7	1,615.9	1,844.9	2,220.3	2,681.8	3,456.4	4,046.9	4,388.9

a/ f.a.s. Value Basis b/ Custom Value Basis
c/ Customs district extends from northern California border south to Monterey Bay, and east to Salt Lake City.
d/ Customs district extends from south of Monterey Bay to Carpinteria and east to Las Vegas.
e/ Customs district extends from San Diego east to Phoenix.

Source: U.S. Department of Commerce, Highlights of U.S. Export and Import Trade (FT 990), December, (1983-1988) and unpublished Census Bureau data (1989 forward).

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TABLE K-9

VALUE OF AIRBORNE EXPORT AND IMPORT SHIPMENTS IN FOREIGN TRADE BY CUSTOMS DISTRICT, CALIFORNIA, 1983 TO 1990

(In millions)

Customs district	1983	1984	1985	1986	1987	1988	1989	1990
Exports a/								
California	$12,715.6	$14,482.7	$15,136.8	$16,711.1	$19,613.7	$25,959.7	$29,667.6	$32,202.6
San Francisco	4,512.3	5,641.7	5,267.9	6,018.3	7,759.9	11,164.4	12,234.0	13,119.5
Los Angeles	8,203.3	8,841.0	9,862.7	10,684.7	11,844.9	14,787.5	17,426.4	19,052.1
San Diego	c/	c/	6.2	8.1	8.9	7.8	7.2	31.0
Imports b/								
California	$9,652.4	$14,447.4	$12,501.8	$15,538.8	$18,113.1	$22,553.3	$24,949.9	$27,157.9
San Francisco	4,746.9	7,566.9	6,166.1	7,311.0	8,982.0	11,663.6	12,663.6	12,632.7
Los Angeles	4,904.7	6,878.3	6,332.6	8,224.3	9,127.3	10,884.9	12,267.9	14,509.5
San Diego	0.8	2.2	3.1	3.5	3.8	4.8	18.4	15.7

a/ f.a.s. Value Basis.
b/ Custom Value Basis.
c/ Less than $0.5 million.

Source: U.S. Department of Commerce, Highlights of U.S. Export and Import Trade (FT 990), December, (1983-1988) and unpublished Census Bureau data (1989 forward).

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TABLE K-10

FOREIGN TRADE THROUGH CALIFORNIA PORTS, 1970 TO 1990
(In millions)

Year	Exports	Imports	Total
1970	$4,245	$4,408	$8,653
1971	3,690	4,896	8,586
1972	4,153	6,509	10,662
1973	6,647	8,607	15,254
1974	9,793	13,140	22,933
1975	10,340	11,715	22,055
1976	11,525	15,300	26,825
1977	12,186	19,113	31,299
1978	14,934	21,496	36,430
1979	20,303	24,929	45,232
1980	26,974	29,414	56,388
1981	26,990	31,690	58,680
1982	29,120	32,583	61,703
1983	29,380	37,944	67,324
1984	32,204	49,270	81,474
1985	32,396	61,606	94,002
1986	32,838	69,875	102,713
1987	39,663	78,478	118,141
1988	53,568	86,605	140,173
1989	63,049	94,080	157,129
1990	68,552	97,122	165,673

a/ Data reflect value of trade through California customs districts and not value of exported goods originating in California or imported goods destined for California.

Source: U.S. Department of Commerce, Bureau of the Census

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TABLE K-11

LICENSED PROFESSIONAL AND VOCATIONAL PERSONNEL CALIFORNIA, 1989-90

Classification	Total a/
Accountants	57,126
Animal health technicians	3,497
Architects	20,024
Athletic commission (boxers, etc.)	2,061
Automotive repair	53,996
Biennial vehicle inspection program	46,918
Barbers	25,090
Behavioral science	52,663
Cemeteries	2,404
Collection agencies	8,893
Contractors	288,375
Cosmetologists	386,411
Dentists	37,754
Dental assistants	47,838
Electronic and appliance repair	8,474
Funeral directors and embalmers	4,605
Geologists and geophysicists	6,741
Guide dogs for the blind	86
Home furnishing	21,438
Landscape architects	3,357
Medical professions:	
Physicians and surgeons	122,639
Acupuncture	3,014
Hearing aid dispensers	2,380
Physical therapists	15,308
Physicians' assistants	9,557
Podiatrists	3,701
Psychologists	15,225
Registered dispensing opticians	4,583
Respiratory therapists	13,454
Speech pathologists/audiologists	9,089
Nurses:	
Registered	251,397
Vocational	108,669
Psychiatric technicians	17,791
Nursing home administrators	3,297
Optometry	9,102
Pharmacy	28,933
Private investigators	189,469
Professional engineers and land surveyors	134,548
Shorthand reporters	7,947
Structural pest control	12,153
Tax preparers	52,182
Veterinarians	12,563

a/ Includes all licensing categories.

Department of Consumer Affairs
Division of Administration
(916) 322-1540

TABLE K-12

SELECTED STATISTICS ON SERVICE INDUSTRIES SUBJECT TO FEDERAL INCOME TAX, 1987 a/

(Dollar amounts in thousands)

1972 SIC Code	Kind of business b/	Number of Establishments c/	Receipts	Payroll, entire year	Number of paid employees for week including March 12	Percent change 1982-1987 Receipts	Percent change 1982-1987 Payroll, entire year
	Total, except hospitals	222,422	$125,084,532	$46,182,174	2,186,539	86.5	88.0
70	Hotels, rooming houses, camps, and other lodging places, total	5,530	6,028,483	1,651,157	157,307	67.7	71.2
7011	Hotels and motels	4,787	5,806,067	1,605,929	152,771	68.1	72.2
72	Personal services, total	19,602	4,298,907	1,416,416	136,118	55.7	48.6
721	Laundry, cleaning, and garment services, except seamstresses and dressmaking services	5,592	1,810,938	575,525	46,754	47.7	42.4
722	Photographic studios, portrait	1,064	244,445	60,231	6,060	59.3	59.9
723,4	Beauty and barber shops	8,303	897,161	391,471	41,270	42.1	39.2
73	Business services, total	49,684	35,263,048	13,981,494	753,321	115.2	111.1
731	Advertising	2,200	1,746,548	630,968	19,693	86.6	75.0
732	Consumer credit reporting, mercantile reporting, and adjustment & collection agencie	785	635,987	228,195	12,294	141.3	95.4
7333	Commercial photography, art, and graphics	1,960	772,176	230,038	9,117	86.1	70.2
734	Services to dwellings and other buildings	5,721	1,823,121	846,652	76,382	78.4	70.1
736	Personnel supply services	3,587	4,070,941	2,595,813	216,695	155.7	154.5
737	Computer programming, data processing, and other computer related services	6,545	9,530,218	3,429,028	105,939	155.1	145.4
7391	Commercial physical and biological research	778	1,430,984	598,118	16,377	77.3	80.3
7392	Management, consulting, and public relations services	10,502	5,643,509	2,257,036	88,810	144.6	136.7
7393	Detective agencies and protective services	1,837	1,451,078	793,695	68,826	77.3	77.5
7394	Equipment rental and leasing services	5,317	2,853,726	702,782	38,357	78.4	88.9
75	Automotive repair, services and parking, total	19,705	7,715,490	1,800,024	112,535	70.1	66.3
751	Automotive rental and leasing, without drivers	1,281	2,226,708	320,568	16,949	72.0	77.9
752	Automobile parking	1,695	542,372	96,562	8,221	101.6	77.8
753	Automotive repair shops	14,710	4,297,812	1,179,443	68,186	61.5	54.7
76	Miscellaneous repair services, total	7,210	2,622,732	829,308	41,494	56.5	49.5
762	Electrical repair shops	1,932	889,882	301,389	13,490	66.2	67.3
78,79	Amusement and recreation services, including motion pictures, total	13,102	18,256,878	5,412,366	219,782	88.1	93.2
781,2	Motion picture production, distribution, and services	5,228	11,817,456	3,321,573	99,690	106.7	104.9
783	Motion picture theatres	939	749,792	100,548	14,086	28.5	15.3
792	Theatrical producers (except motion picture), bands, orchestras, and entertainers	2,611	1,927,323	792,366	14,639	82.8	122.4
793	Bowling centers, and billiard and pool establishments	502	287,068	87,010	9,513	15.2	9.6
794	Commercial sports	394	674,805	341,465	9,542	35.8	84.5
7992	Public golf courses	225	193,039	52,476	4,452	123.2	92.1
7996	Amusement parks	70	859,467	239,128	18,463	89.0	60.8
80 ex.806	Health services, except hospitals, total	57,895	24,547,920	10,384,994	401,282	67.0	67.7
801	Offices of doctors of medicine	28,948	11,952,062	5,475,746	128,992	61.4	65.0
802	Offices of dentists	13,753	3,650,493	1,327,954	68,309	43.3	47.8
8042	Offices and clinics of optometrists	2,242	532,591	127,238	8,445	70.3	77.2
805	Nursing and personal care facilities	1,257	1,857,887	907,105	86,405	41.6	38.3
81	Legal services, total	19,307	10,419,356	4,254,583	111,948	108.5	120.2
823,4,9	Selected eduational services, total	1,790	853,676	274,840	17,595	122.0	128.1
83	Social services, total	5,945	1,163,842	444,274	47,293	118.0	122.6
891	Engineering, architectural, and surveying services, total	9,515	9,197,915	3,728,023	107,460	71.3	73.6
893	Accounting, auditing, and bookkeeping services, total	10,297	3,964,395	1,692,554	70,553	80.2	86.7
892,9	Other services, total	2,840	751,890	312,141	9,851	n.c.	n.c.

a/ Based on 1972 Standard Industrial Classification codes for comparison purposes.
b/ All kind-of-business classifications are not shown separately; therefore, the detail will not add to the total.
c/ Establishments with payroll. n.c. Not comparable

Source: U.S. Deparment of Commerce, Bureau of the Census, 1987 Census of Service Industries.

SECTION L

BANKING AND FINANCE

This section presents bank and savings and loan association statistics.

The bank statistics were supplied by the Federal Deposit Insurance Corporation.

The savings and loan statistics were made available by the Federal Home Loan Bank of San Francisco. Additional data may be obtained from these sources.

TABLE L-1

SELECTED BALANCE SHEET ITEMS FOR INSURED COMMERCIAL BANKS IN CALIFORNIA AS OF YEAR END 1985 TO 1990 a/

(In thousands)

	1985	1986	1987	1988	1989	1990 c/
State Banks:						
Total Deposits	$70,588,826	$80,536,876	$79,177,695	$81,790,597	$88,682,864	$90,445,158
Demand (Domestic)	21,312,210	27,387,704	22,222,987	24,075,548	24,349,694	21,675,783
Time (Domestic)	23,655,094	22,136,395	24,188,446	25,369,804	31,787,386	34,967,552
Savings (Domestic)	21,817,477	27,480,038	28,171,015	28,896,742	28,894,877	30,403,567
NOW Accounts b/ (Domestic)	1,706,739	5,955,367	6,705,857	7,056,786	7,060,357	7,464,457
Foreign Deposits	3,804,045	3,532,739	4,595,247	3,448,503	3,650,905	3,398,256
Total Assets	83,866,113	94,340,543	93,586,335	98,058,888	105,980,003	108,511,620
Total Loans and Leases	55,676,466	61,235,597	62,773,444	63,735,696	71,330,205	77,850,783
Total Loans	$54,131,624	$59,646,136	$61,108,961	$61,953,884	$69,429,372	$75,873,473
National Banks:						
Total Deposits	$169,633,104	$160,614,740	$153,922,250	$161,952,647	$174,412,963	$189,242,256
Demand (Domestic)	33,139,115	38,976,817	33,454,317	35,946,557	38,096,066	37,877,210
Time (Domestic)	46,667,630	39,404,744	37,488,629	40,543,562	50,384,022	59,635,644
Savings (Domestic)	48,090,668	52,574,470	53,770,766	57,595,829	57,763,232	62,757,380
NOW Accounts b/ (Domestic)	2,861,084	9,808,951	9,831,261	13,667,434	13,782,158	14,964,640
Foreign Deposits	41,735,691	29,658,709	29,208,538	27,866,700	28,169,643	28,972,023
Total Assets	210,384,761	198,326,254	189,245,525	202,517,659	217,640,495	236,802,366
Total Loans and Leases	148,114,312	142,130,720	136,740,285	146,877,606	164,255,012	187,881,569
Total Loans	$144,072,415	$138,334,387	$132,525,640	$142,463,041	$160,107,090	$183,528,721
All Commercial Banks:						
Total Deposits	$240,221,930	$241,151,616	$233,099,945	$243,743,244	$263,095,827	$279,687,417
Demand (Domestic)	54,451,325	66,364,521	55,677,304	60,022,105	62,445,760	59,552,993
Time (Domestic)	70,322,724	61,541,139	61,677,075	65,913,366	82,171,408	94,603,196
Savings (Domestic)	69,908,145	80,054,508	81,941,781	86,492,571	86,658,109	93,160,947
NOW Accounts b/ (Domestic)	4,567,823	15,764,318	16,537,118	20,724,220	20,842,515	22,429,097
Foreign Deposits	45,539,736	33,191,448	33,803,785	31,315,203	31,820,548	32,370,282
Total Assets	294,250,874	292,666,797	282,831,860	300,576,547	323,620,498	345,313,945
Total Loans and Leases	203,790,778	203,366,317	199,513,729	210,613,302	235,585,217	265,732,352
Total Loans	$198,204,039	$197,980,523	$193,634,601	$204,416,925	$229,536,462	$259,402,194
Real Estate Loans	$63,567,988	$66,892,140	$71,708,819	$81,956,634	$104,789,624	$130,669,354
1-4 Family (Domestic)	33,672,467	32,353,004	32,960,892	38,572,744	52,694,208	67,497,167
Multifamily (Domestic)	1,439,187	2,128,964	1,838,381	1,964,617	2,094,034	3,885,106
Commercial & Industrial Loans	72,189,521	71,291,098	68,625,107	68,920,539	71,103,212	76,237,868
Loans to Individuals	35,302,616	34,165,660	31,904,557	32,180,807	33,304,594	34,002,464
All Other Loans	27,143,914	25,631,625	21,396,118	21,358,940	20,339,033	18,492,506

a/ All data include foreign branches of California banks unless otherwise noted.
b/ NOW: Negotiated Order of Withdrawal.
c/ Preliminary.

Federal Deposit Insurance Corporation
Research Division
(202) 898-3939

TABLE L-2

SELECTED BALANCE SHEET DATA FOR INSURED SAVINGS AND LOAN ASSOCIATIONS, CALIFORNIA, 1970 TO 1990

(In millions)

Dec. 31	Number of assns.	Total assets	Gross Mortgage loans out-standing	Cash and investment securities a/	Total savings
1970	225	$32,792	$28,308	$2,498	$25,043
1971	207	36,934	31,965	2,842	30,043
1972	182	42,866	37,204	3,258	35,658
1973	175	47,133	41,113	2,982	37,836
1974	170	50,739	43,758	3,381	39,359
1975	165	58,010	49,100	4,752	47,147
1976	164	69,141	58,553	5,442	57,102
1977	164	83,318	70,734	6,598	66,918
1978	170	95,518	80,765	7,754	74,896
1979	180	109,937	92,512	7,921	84,166
1980	195	120,536	98,196	10,016	89,693
1981	188	137,883	107,866	13,018	96,163
1982	171	153,424	105,927	16,799	108,712
1983	181	193,566	132,297	23,290	147,857
1984	202	251,162	167,141	29,476	190,130
1985	219	273,180	179,637	32,451	199,908
1986	216	309,275	191,461	36,604	218,163
1987	206	346,471	212,696	39,663	239,780
1988	193	395,511	247,073	41,090	258,726
1989	180	369,579	254,094	35,151	255,006
1990	146	347,049	241,316	28,383	249,136

Dec. 31	FHLB advances	Other borrowings	Loans in process	Tangible capital b/
1970	$4,088	$133	$462	na
1971	2,584	268	585	na
1972	2,146	577	606	na
1973	3,896	597	429	na
1974	5,826	617	307	na
1975	4,415	548	788	na
1976	4,135	615	1,324	na
1977	4,736	2,664	1,822	na
1978	7,519	3,213	2,114	na
1979	9,463	5,422	1,992	na
1980	13,399	6,232	1,671	na
1981	20,914	9,243	1,584	na
1982	21,001	11,739	2,553	na
1983	17,580	15,542	5,195	na
1984	23,241	23,859	6,937	$2,978
1985	27,627	26,984	6,537	3,880
1986	31,216	37,906	5,429	4,907
1987	30,939	54,337	5,105	5,277
1988	36,186	73,497	5,354	11,152
1989	36,136	53,783	4,685	10,026
1990	36,660	41,513	2,676	7,014

a/ Investment securities are the total of liquid assets (exclusive of cash) as defined by Board Regulations and other investment securities. Included are U.S. Government obligations, Federal agency securities, State and local government securities, time deposits at banks and miscellaneous securities, except FHLB stock.

b/ Replaces "Regulatory Net Worth" as primary measure of capital adequacy. Not comparable to previous capital measures for the savings and loan industry.

Federal Home Loan Bank of San Francisco
Public Information Office
(415) 616-2610

SECTION M

PUBLIC FINANCE

Data relating to the financial operation of governmental agencies in California are summarized in this section. The information is arranged according to the level of government, starting with the Federal Government and running through special districts. Figures are given on revenues, expenditures and debt, with additional details on each of these subjects where they can be prepared in summary form. Supplementary information is available in the files and records of the contributing agencies.

TABLE M-1

FEDERAL REVENUES AND EXPENDITURES IN CALIFORNIA, FISCAL YEARS 1970-71 TO 1989-90

(In millions)

Fiscal year	Revenues	Expenditures a/
1970-71	$17,630	$23,453
1971-72	18,963	25,617
1972-73	21,386	28,418
1973-74	24,959	31,380
1974-75	28,510	36,782
1975-76	28,092	41,330
1976-77	37,997	47,195
1977-78	42,773	49,601
1978-79	49,558	52,534
1979-80	58,873	61,464
1980-81	67,150	69,416
1981-82	71,542	77,501
1982-83	70,893	86,364
1983-84	76,624	91,713
1984-85	85,348	97,814
1985-86	89,604	100,860
1986-87	101,445	100,753
1987-88	108,332	102,366
1988-89	118,854	108,639
1989-90	127,796	115,802

a/ Differs from that in Table M-7 due to reporting of grants to state and local governments. Table M-1 represents actual expenditures. Federal grants in Table M-7 generally represent obligations.

Source: Bureau of the Census, Federal Expenditures by State; Commissioner of Internal Revenue, Annual Report.

TABLE M-3

FEDERAL EXPENDITURES FOR SALARIES AND WAGES, CALIFORNIA

(In thousands)

Agency	1989-90
Total	$17,745,649
Department of Defense, total a/	10,509,678
Military, total	6,370,389
Active	5,993,828
Inactive	376,561
Civilian	4,139,289
Postal service	3,942,291
All other federal agencies	3,293,680

a/ Department of Defense data represent salaries, wages, and compensation, such as housing allowances; distributions by state are based on duty station. State detail for all other Federal agencies are estimates, based on place of employment.

Source: U.S. Department of Commerce, Bureau of the Census, Federal Expenditures by State for Fiscal Year 1990.

Tables M-1 through M-3:
Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-2

FEDERAL EXPENDITURES TO CALIFORNIA, BY TYPE

(In millions)

	1989-90
Total a/	$115,802
Grants to state and local governments b/	13,932
Salaries and wages c/	17,746
Direct payments for individuals d/	51,448
Procurement, total	29,500
Department of Defense	21,952
Postal Service	547
All other federal agencies	7,000
Other programs, total	3,177
Grants to nongovernmental recipients, total	1,502
Dept. of Health and Human Services research	998
National Science Foundation	269
NASA - space program research	81
National Endowment for the Arts	18
National Endowment for the Humanities	12
ACTION	8
Other	115
Direct payments-other than for individuals	1,674
Department of Agriculture:	
Feed grain production stabilization	8
Wheat production stabilization	13
Rice production stabilization	92
Conservation reserve program	9
Commodity purchases - price supports	128
Cotton production stabilization	64
Crop insurance claims and payments	7
Other agricultural programs	111
Federal employees life and health insurance	686
Postal Service	229
Legal Services Corporation grants	33
National flood insurance claim payments	e/
Other	293

a/ Total differs from that in Table M-7 due to reporting of grants to state and local governments. Table M-2 represents actual expenditures. Federal grants in Table M-7 generally represent obligations.
b/ See Table M-4 for detail.
c/ See Table M-3 for detail.
d/ See Table M-5 for detail.
e/ Less than $500,000.

Source: U.S. Department of Commerce, Bureau of the Census, Federal Expenditures by State for Fiscal Year 1990.

TABLE M-4

FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS, CALIFORNIA a/

(In thousands)

Agency	1989-90
Total	$13,932,372
Department of Agriculture	1,154,643
Department of Commerce	12,003
Corporation for Public Broadcasting	20,977
Department of Defense	1,530
Department of Education	1,190,077
Department of Energy	1,121
Environmental Protection Agency	177,970
Federal Emergency Management Agency	119,840
Department of Health and Human Services	7,516,191
Alcohol, Drug Abuse, and Mental Health Administration	184,598
Health Care Financing Administration (Medicaid)	3,869,906
Health Resources and Services Administration	89,036
Human Development Services	846,306
Public Health Services	28,612
Social Security Administration	3,642
Family Support Administration	2,494,091
Department of Housing and Urban Development	1,006,114
Department of the Interior	59,707
Department of Justice	46,239
Department of Labor	689,937
Department of Transportation	1,923,484
Veteran's Administration	6,933
Miscellaneous	5,606

a/ Represents actual expenditures of the Federal government.

Source: U.S. Department of Commerce, Bureau of the Census, Federal Expenditures by State for Fiscal Year 1990.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-5

FEDERAL DIRECT PAYMENTS FOR INDIVIDUALS, CALIFORNIA

(In thousands)

Program	1989-90
Total	$51,447,689
Social Security:	
Retirement insurance	16,521,849
Survivors insurance	4,327,447
Disability insurance	2,289,501
Medicare:	
Hospital insurance	7,318,773
Supplementary medical insurance	6,017,501
Federal retirement and disability:	
Civilian a/	3,264,094
Military	3,001,656
Veterans compensation for service connected disability	768,248
Veterans pensions for nonservice connected disability	162,398
Veterans compensation for service connected death	252,042
Pensions to veterans surviving spouses and children (widow's pension)	69,750
Veterans educational assistance	35,564
Other veterans benefit programs	27,237
Supplemental security income	1,742,457
Food stamps	947,076
Social insurance for railroad workers	459,568
Housing assistance b/	703,407
Pell grant program	392,463
National guaranteed student loan interest subsidies	108,132
Excess earned income tax credits	695,681
Federal workers compensation	214,077
Black lung:	
Coal mine workers' compensation	5,818
Special benefits for disabled coal miners	7,152
Unemployment compensation	1,963,393
Other	152,405

a/ Includes retirement and disabilty payments to former U.S. Postal Service employees.
b/ Includes Section 8 payments to nongovernmental agencies.

Source: U.S. Department of Commerce, Bureau of the Census, Federal Expenditures by State for Fiscal Year 1990.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-6

FEDERAL LOAN AND INSURANCE PROGRAMS VOLUME OF ASSISTANCE PROVIDED a/ CALIFORNIA

(In thousands)

Program	1989-90
Direct loans, total	$1,306,180
Commodity loans - price supports	537,680
Farmers Home Administration - rural housing loans	56,408
Water and waste disposal system	9,439
Housing for the elderly or handicapped	79,950
Other	622,703
Guaranteed loans, total	$9,405,832
Mortgage insurance for homes	4,948,841
Higher education act insured loans - guaranteed student loans	1,088,348
Veterans housing guaranteed and insured loans - VA home loans b/	766,238
Mortgage insurance - condominiums	986,723
Farmers Home Administration programs	82,428
Small-business loans	815,291
Loans for existing multi-family projects	30,920
Other	687,043
Insurance, total	$11,076,997
Flood	10,636,685
Crop	295,281
Other	145,031

a/ Amounts do not represent actual expenditures of the Federal Government, but instead reflect the volume of loan or insurance activities. All amounts reflect the dollar value of loans or insurance coverage provided during the fiscal year.

b/ Represents only the Federal Government's contingent liability which is a fixed percent of each loan up to a maximum of $36,000. Amount shown does not represent the full value of closed loans.

Source: U.S. Department of Commerce, Bureau of the Census, Federal Expenditures by State for Fiscal Year 1990.

TABLE M-7

FEDERAL EXPENDITURES BY COUNTY, 1989-90

(In thousands)

County	Total	Department of Defense	All other agencies
Total a/	$117,636,344	$35,468,347	$82,167,997
Alameda	6,079,950	1,082,522	4,997,428
Alpine	2,470	185	2,285
Amador	78,905	3,665	75,240
Butte	554,512	20,891	533,621
Calaveras	87,143	4,208	82,935
Colusa	62,734	759	61,975
Contra Costa	2,297,616	522,916	1,774,700
Del Norte	69,328	1,550	67,778
El Dorado	284,011	18,155	265,856
Fresno	1,674,068	74,125	1,599,943
Glenn	84,429	1,772	82,657
Humboldt	371,707	21,176	350,531
Imperial	304,579	18,554	286,025
Inyo	177,086	107,744	69,342
Kern	2,164,577	760,225	1,404,352
Kings	331,600	162,362	169,238
Lake	207,143	5,909	201,234
Lassen	109,537	29,009	80,528
Los Angeles	33,809,774	9,995,516	23,814,258
Madera	197,880	7,116	190,764
Marin	530,957	60,356	470,601
Mariposa	57,023	9,613	47,410
Mendocino	228,112	7,795	220,317
Merced	575,294	191,305	383,989
Modoc	37,899	2,572	35,327
Mono	21,333	7,716	13,617
Monterey	1,417,325	759,676	657,649
Napa	329,380	16,199	313,181
Nevada	241,962	53,543	188,419
Orange	7,922,981	2,933,628	4,989,353
Placer	443,835	40,502	403,333
Plumas	72,147	1,493	70,654
Riverside	2,879,155	421,184	2,457,971
Sacramento	7,764,698	1,980,976	5,783,722
San Benito	72,762	15,776	56,986
San Bernardino	4,296,202	1,741,391	2,554,811
San Diego	12,364,286	6,631,177	5,733,109
San Francisco	3,884,046	471,808	3,412,238
San Joaquin	1,260,501	151,930	1,108,571
San Luis Obispo	522,253	42,317	479,936
San Mateo	1,768,428	304,027	1,464,401
Santa Barbara	1,624,817	771,544	853,273
Santa Clara	7,298,237	3,576,981	3,721,256
Santa Cruz	508,856	35,221	473,635
Shasta	454,738	14,968	439,770
Sierra	19,347	7,006	12,341
Siskiyou	165,105	4,243	160,862
Solano	1,734,881	1,090,077	644,804
Sonoma	964,810	70,173	894,637
Stanislaus	842,827	40,063	802,764
Sutter	171,750	14,498	157,252
Tehama	137,955	4,160	133,795
Trinity	53,525	1,399	52,126
Tulare	740,553	18,182	722,371
Tuolumne	156,639	8,949	147,690
Ventura	2,142,163	967,314	1,174,849
Yolo	390,744	42,007	348,737
Yuba	278,667	117,479	161,188
Not distributed by county	4,311,105	741	4,310,364

a/ Differs from Tables M-1 and M-2 due to reporting of grants to state and local governments. Tables M-1 and M-2 represent actual expenditures. Federal grants figured in Table M-7 generally represent obligations.

Source: U.S. Dept. of Commerce, Bureau of the Census Consolidated Federal Funds Report, Fiscal Year 1990.

Tables M-6 and M-7:
Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-8

FEDERAL INTERNAL REVENUE COLLECTIONS IN CALIFORNIA, 1990 a/

Tax source	Thousands
Total internal revenue collections	$127,795,725
Corporate income	12,117,343
Individual income and employment	110,328,131
Income tax not withheld and SECA	26,162,171
Income tax withheld and FICA	83,190,071
Railroad retirement	309,212
Unemployment insurance	666,676
Estate	1,560,228
Gift	259,025
Excises	3,530,997

a/ U.S. fiscal year ending September 30, 1990.

Note: Detail may not add to total because of rounding.

Source: Internal Revenue Service, Commissioner of Internal Revenue, Annual Report 1990.

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-9

GENERAL OBLIGATION BONDS OUTSTANDING STATE OF CALIFORNIA, JUNE 30, 1991

Purpose	Thousands
Total	$12,571,350
Harbor	6,110
Water	1,252,880
Veterans	3,378,315
School building	162,595
Beaches and parks	90,825
State construction	29,700
Higher education	986,150
Junior colleges	1,500
Clean water	249,050
Recreation, fish and wildlife	9,000
Community colleges	31,250
Health science facilities	42,815
Safe drinking water	165,480
State, urban and coastal parks	112,625
Clean water and water conservation	219,750
Parklands	145,800
New prison construction	1,642,000
School building lease-purchases	1,293,475
County jail capital expenditure	426,175
First time home buyers	4,105
Park and recreational facilities	199,150
Fish and wildlife habitat enhancement	50,500
Lake Tahoe acquisitions	34,350
Hazardous substance cleanup	37,500
Senior center	37,500
County correctional facility capital expenditure	376,000
Wildlife, coastal and park land conservation	133,150
Community parklands	46,100
School facilities	1,363,700
Passenger rail and clean air	43,800

Office of the State Treasurer
Trust Services Division
(916) 653-3451

TABLE M-10

STATE REVENUES, BY SOURCE
CALIFORNIA, FISCAL YEARS 1989-90 TO 1991-92
(In thousands)

Tax/Revenue source	Actual 1989-90	Estimated 1990-91	Estimated 1991-92
Total	$46,294,251	$49,355,711	$57,046,597
General Fund	38,272,039	39,848,477	45,432,869
Special Funds	8,022,212	9,507,234	11,613,728
Major Taxes & Licenses	43,045,976	45,768,001	52,910,391
Alcoholic Beverage	128,523	127,000	325,000
Bank and Corporation	4,964,842	5,395,000	5,560,000
Cigarette	787,076	756,300	802,100
Horseracing License Fees	136,712	142,182	144,820
Inheritance and Gift Taxes	388,527	442,000	487,000
Insurance Tax	1,167,684	1,270,000	1,325,000
Motor Vehicle Fuel Tax	1,349,002	2,017,839	2,536,885
Motor Vehicle License Fees	2,139,944	2,262,000	3,225,000
Motor Vehicle Registration Fees	1,162,200	1,362,480	1,504,780
Personal Income	16,903,654	17,626,500	19,337,006
PIT revenue adjustment for economic recovery	--	--	700,000
Retail Sales and Use Taxes	13,917,812	14,366,700	16,462,800
Sales revenue adjustment for economic recovery	--	--	500,000
Minor Revenues	3,248,275	3,587,710	4,136,206

Source: Governor's Budget Summary, 1991-92

TABLE M-11

STATE EXPENDITURES BY CHARACTER AND FUNCTION,
CALIFORNIA, FISCAL YEARS 1989-90 TO 1991-92 a/
(In thousands)

	Actual 1989-90	Estimated 1990-91	Estimated 1991-92
By character			
Total	$47,328,319	$50,606,836	$54,106,191
State operations	13,402,594	14,624,014	15,730,815
Capital outlay	313,279	490,571	745,781
Local assistance	33,575,550	35,469,912	37,604,595
Unclassified	36,896	22,339	25,000
By function			
Legislative/judicial/executive	1,458,056	1,578,453	1,558,321
State and consumer services	536,981	604,751	624,959
Business, transportation and housing	2,736,062	3,177,756	3,739,185
Resources	1,356,085	1,675,617	1,796,778
Health and welfare	13,332,689	14,239,581	14,717,224
Education	20,731,578	21,777,835	22,661,034
Higher education	5,950,703	6,256,347	6,347,258
Correctional programs	2,466,047	2,856,198	3,246,649
Other Government Units and Services	4,710,821	4,696,645	5,762,041

a/ Excluding both bond and federal funds.
Source: Governor's Budget Summary 1991-92

Source agency for tables M-10 and M-11:
Department of Finance, Financial and Economic Research
(916) 322-2263

TABLE M-12

STATE REVENUE AND EXPENDITURES BY CHARACTER
CALIFORNIA, 1950-51 TO 1991-92
(In millions)

Fiscal year	Revenue			Expenditures a/			
	Total b/	General Fund	Special Fund	Total b/	State Operations	Capital Outlay	Local Assistance
1950-51	$994.0	$672.1	$322.0	$1,006.3	$263.1	$199.0	$544.2
1951-52	1,086.3	734.0	352.3	1,068.1	294.4	180.4	593.2
1952-53	1,150.9	774.0	376.9	1,176.7	320.3	206.2	650.3
1953-54	1,271.4	798.1	473.4	1,381.4	346.9	285.5	749.0
1954-55	1,433.8	879.1	554.7	1,422.4	368.5	276.6	777.3
1955-56	1,577.9	1,005.0	572.9	1,532.8	402.4	286.3	844.1
1956-57	1,833.7	1,078.9	754.8	1,732.5	462.9	354.1	915.4
1957-58	1,750.9	1,110.8	640.1	1,891.4	541.5	354.8	995.2
1958-59	1,925.1	1,210.4	714.7	1,931.6	584.9	254.2	1,092.5
1959-60	2,198.3	1,491.1	707.3	2,085.6	634.7	239.5	1,211.4
1960-61	2,338.2	1,597.9	740.3	2,525.4	722.9	503.9	1,298.5
1961-62	2,451.2	1,728.2	723.0	2,406.2	779.0	275.6	1,351.6
1962-63	2,667.9	1,866.0	801.9	2,702.8	863.5	345.4	1,493.9
1963-64	3,057.4	2,137.4	920.0	2,977.7	936.0	363.5	1,678.2
1964-65	3,294.9	2,245.1	1,049.8	3,337.5	1,035.5	383.6	1,918.4
1965-66	3,580.7	2,508.5	1,072.2	3,636.4	1,158.8	376.1	2,100.9
1966-67	4,072.5	2,882.4	1,190.2	4,144.6	1,326.3	409.2	2,409.1
1967-68	4,932.0	3,678.1	1,254.0	4,484.4	1,395.5	372.1	2,716.7
1968-69	5,454.4	4,128.7	1,325.7	5,266.7	1,578.6	507.4	3,180.6
1969-70	5,742.4	4,327.3	1,415.2	5,974.9	1,660.6	617.0	3,697.3
1970-71	5,917.0	4,483.1	1,433.9	6,213.2	1,764.6	372.0	4,076.6
1971-72	6,896.8	5,388.1	1,508.7	6,374.3	1,817.4	355.3	4,201.6
1972-73	7,670.2	5,972.7	1,697.4	7,204.1	2,073.0	485.9	4,645.3
1973-74	8,430.6	6,688.4	1,742.2	8,994.1	2,255.7	398.7	6,339.7
1974-75	10,189.9	8,410.6	1,779.3	10,029.1	2,594.6	305.5	7,129.1
1975-76	11,352.0	9,423.8	1,928.3	11,197.3	2,953.6	226.9	8,016.7
1976-77	13,237.7	11,164.2	2,073.5	12,508.5	3,305.6	419.1	8,783.8
1977-78	15,746.9	13,478.5	2,268.4	13,846.8	3,757.7	407.3	9,681.8
1978-79	17,424.6	14,900.5	2,524.1	18,548.6	3,908.5	417.2	14,222.9
1979-80	20,642.6	17,667.5	2,975.1	21,294.5	4,784.9	463.2	16,046.5
1980-81	21,824.0	18,707.8	3,116.2	24,366.5	5,643.8	433.4	18,289.2
1981-82	23,357.1	19,898.4	3,458.7	24,791.3	5,954.6	221.8	18,606.8
1982-83	24,212.3	20,491.1	3,721.2	24,931.5	6,130.3	215.5	18,577.3
1983-84	27,617.4	23,335.0	4,282.4	26,396.6	6,472.6	173.3	19,738.7
1984-85	31,550.8	26,495.6	5,055.2	30,373.0	8,157.7	288.9	21,914.6
1985-86	33,536.6	28,090.1	5,446.5	34,031.6	9,383.6	428.3	24,207.4
1986-87	37,640.9	32,323.1	5,317.8	37,118.5	10,154.3	442.8	26,504.4
1987-88	38,213.9	32,360.2	5,853.8	39,634.5	11,078.2	308.1	28,484.4
1988-89	43,287.1	36,782.0	6,505.1	42,120.2	11,842.3	283.2	30,258.1
1989-90	46,294.3	38,272.0	8,022.2	47,328.3	13,402.6	313.3	33,575.6
1990-91 e/	49,355.7	39,848.5	9,507.2	50,606.8	14,624.0	490.6	35,469.9
1991-92 e/	57,046.6	45,432.9	11,613.7	54,106.2	15,730.8	745.8	37,604.6

a/ Excluding both bond and federal funds.
b/ Detail may not add to total due to rounding and exclusion of unclassified expenditures.
e/ Estimated.

Source: Governor's Budget, Schedules 8 and 9

Department of Finance
Financial and Economic Research Unit
(916) 322-2263

TABLE M-13

TOTAL FINANCIAL TRANSACTIONS CONCERNING COUNTIES, CITIES, SCHOOLS, SPECIAL DISTRICTS AND REDEVELOPMENT AGENCIES BY COUNTY, FISCAL YEAR 1989-90a/

(In thousands)

County	Receipts	Payments	Bonded Indebted-ness	County	Receipts	Payments	Bonded Indebted-ness
Total	$86,261,445	$83,115,938	$32,767,742	Nevada	194,476	175,643	74,590
				Orange	6,030,158	5,732,998	3,652,612
Alameda	4,099,254	3,865,849	1,571,865	Placer	514,540	468,182	171,807
Alpine	8,104	7,793	2,068	Plumas	64,329	65,250	1,739
Amador	48,522	46,046	1,651	Riverside	3,475,260	3,136,264	833,374
Butte	380,044	369,681	92,548	Sacramento	3,350,679	3,756,462	3,310,557
Calaveras	87,256	83,087	4,797	San Benito	97,942	86,784	20,715
Colusa	47,679	46,480	1,558	San Bernardino	3,807,197	3,591,006	832,070
Contra Costa	2,227,288	2,075,836	662,254	San Diego	6,191,270	5,775,434	1,273,048
Del Norte	57,513	55,561	46	San Francisco	3,071,216	3,228,366	1,653,015
El Dorado	298,715	273,183	32,642	San Joaquin	1,254,207	1,226,498	50,128
Fresno	1,788,437	1,730,482	235,070	San Luis Obispo	465,058	438,752	38,736
Glenn	76,296	76,201	4,536	San Mateo	1,494,377	1,416,721	148,117
Humboldt	284,219	272,571	40,187	Santa Barbara	877,566	877,210	111,830
Imperial	520,921	481,924	21,605	Santa Clara	4,247,767	4,104,902	1,249,295
Inyo	67,438	66,275	1,480	Santa Cruz	602,691	602,907	77,169
Kern	1,721,930	1,608,794	255,296	Shasta	397,694	391,469	88,631
Kings	250,734	249,920	39,959	Sierra	16,464	16,813	2,004
Lake	141,552	129,309	12,127	Siskiyou	112,759	110,572	2,618
Lassen	76,717	73,857	2,194	Solano	874,634	800,222	682,952
Los Angeles	28,645,169	27,757,392	13,131,982	Sonoma	889,645	855,467	210,463
Madera	220,054	208,064	23,868	Stanislaus	1,285,113	1,169,480	750,498
Marin	508,484	478,053	84,744	Sutter	157,380	156,598	21,167
Mariposa	32,782	32,122	277	Tehama	102,113	100,820	951
Mendocino	261,390	275,233	456,707	Trinity	44,879	45,139	1,043
Merced	494,422	480,442	52,036	Tulare	930,622	901,646	117,450
Modoc	34,321	31,906	596	Tuolumne	112,907	105,256	67,308
Mono	47,657	42,523	4,051	Ventura	1,653,215	1,534,972	286,595
Monterey	851,414	805,091	93,016	Yolo	291,231	281,167	42,681
Napa	224,991	202,307	41,885	Yuba	150,748	136,956	123,533

a/ Does not include data for community college districts.
Totals may not add due to independent rounding. Summation of Tables M-14 through M-18.

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-14

FINANCIAL TRANSACTIONS CONCERNING COUNTIES
FISCAL YEAR 1989-90 a/
(In thousands)

County	Receipts	Payments	Bonded Indebted-ness	County	Receipts	Payments	Bonded Indebted-ness
Total	$20,213,437	$19,600,647	$1,048,120	Nevada	50,243	47,606	--
				Orange	1,227,320	1,237,568	778,991
Alameda	862,717	870,655	2,775	Placer	128,972	119,473	14,986
Alpine	4,725	4,491	1,512	Plumas	23,457	24,518	--
Amador	19,847	18,865	--	Riverside	766,253	742,536	26,411
Butte	119,255	115,624	1,168	Sacramento	900,815	867,180	13,572
Calaveras	29,696	28,811	--	San Benito	23,227	23,216	--
Colusa	15,301	15,581	--	San Bernardino	923,150	915,732	--
Contra Costa	564,976	526,036	--	San Diego	1,453,216	1,453,798	151
Del Norte	24,690	24,179	--	San Francisco b/	--	--	--
El Dorado	89,996	86,692	--	San Joaquin	419,430	407,845	--
Fresno	556,150	546,696	--	San Luis Obispo	153,649	143,538	--
Glenn	26,519	26,243	--	San Mateo	339,197	325,021	--
Humboldt	94,041	93,936	--	Santa Barbara	258,711	259,537	--
Imperial	88,047	87,452	--	Santa Clara	928,874	901,726	135
Inyo	22,977	23,250	--	Santa Cruz	167,136	173,448	7,795
Kern	477,725	451,127	345	Shasta	114,122	118,029	5,426
Kings	80,006	86,585	--	Sierra	8,052	8,469	--
Lake	53,330	56,355	1,087	Siskiyou	41,973	41,253	--
Lassen	23,022	23,144	--	Solano	181,995	174,869	3,250
Los Angeles	6,584,571	6,295,765	138,511	Sonoma	241,198	231,985	17,147
Madera	59,715	57,975	5,855	Stanislaus	416,553	322,139	--
Marin	136,644	140,745	1,986	Sutter	45,922	46,666	620
Mariposa	15,476	15,117	--	Tehama	37,405	37,546	--
Mendocino	77,166	94,318	24,456	Trinity	17,797	18,798	--
Merced	161,902	156,122	--	Tulare	275,150	270,814	--
Modoc	12,760	12,490	--	Tuolumme	40,477	39,287	--
Mono	13,948	14,429	680	Ventura	376,547	357,486	--
Monterey	215,617	201,690	225	Yolo	97,397	95,898	--
Napa	72,071	68,179	950	Yuba	52,309	52,114	86

a/ Includes county-operated enterprises.
b/ San Francisco City and County included in City Statement.

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-15

FINANCIAL TRANSACTIONS CONCERNING CITIES, BY COUNTY
FISCAL YEAR 1989-90
(In thousands)

County	Receipts	Payments	Bonded indebted-ness	County	Receipts	Payments	Bonded indebted-ness
Total	$23,598,905	$23,058,058	$7,690,202	Nevada	11,858	11,571	2,514
				Orange	1,640,694	1,627,302	283,981
Alameda	1,016,013	1,056,217	505,727	Placer	124,172	109,433	13,990
Alpine	--	--	--	Plumas	1,356	1,304	171
Amador	5,496	4,881	600	Riverside	700,775	659,590	289,835
Butte	48,981	44,959	1,415	Sacramento	424,219	324,582	13,573
Calaveras	1,560	1,552	39	San Benito	14,641	11,535	890
Colusa	4,282	4,222	231	San Bernardino	642,891	681,068	58,555
Contra Costa	357,051	347,307	14,910	San Diego	1,533,142	1,386,985	61,244
Del Norte	6,030	6,032	46	San Francisco a/	2,445,182	2,636,849	1,244,912
El Dorado	27,845	24,397	776	San Joaquin	262,678	233,013	7,515
Fresno	329,783	299,952	29,763	San Luis Obispo	89,418	87,927	10,921
Glenn	4,719	4,447	50	San Mateo	394,288	372,833	21,364
Humboldt	35,276	34,425	7,504	Santa Barbara	174,453	175,661	19,209
Imperial	73,724	73,211	1,881	Santa Clara	1,328,793	1,316,261	378,760
Inyo	4,413	3,142	--	Santa Cruz	140,398	147,535	21,601
Kern	146,721	144,316	17,130	Shasta	98,399	98,196	11,780
Kings	30,755	30,604	89	Sierra	553	618	159
Lake	5,889	5,676	--	Siskiyou	13,683	13,393	1,667
Lassen	4,652	5,281	--	Solano	225,685	212,585	14,557
Los Angeles	9,874,426	9,625,913	4,392,302	Sonoma	199,530	199,504	87,129
Madera	25,120	18,117	800	Stanislaus	158,263	135,327	14,274
Marin	106,698	91,743	13,940	Sutter	18,696	17,132	3,305
Mariposa	--	--	--	Tehama	9,489	9,978	345
Mendocino	29,325	30,197	23,725	Trinity	--	--	--
Merced	75,541	65,514	13,284	Tulare	100,644	96,372	12,212
Modoc	1,535	1,472	--	Tuolumne	2,537	2,541	--
Mono	12,470	8,658	--	Ventura	339,701	306,816	31,350
Monterey	132,160	121,748	6,667	Yolo	85,508	80,086	26,972
Napa	48,793	40,797	26,538	Yuba	8,001	7,281	--

a/ San Francisco City and County

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-16

FINANCIAL TRANSACTIONS CONCERNING SCHOOL DISTRICTS, BY COUNTY, FISCAL YEAR 1989-90 a/

(In thousands)

County	Receipts	Payments	Bonded indebtedness	County	Receipts	Payments	Bonded indebtedness
Total	$24,171,441	$24,051,909	$806,357	Nevada	57,074	56,215	650
				Orange	1,651,829	1,628,748	76,901
Alameda	899,919	867,494	64,801	Placer	158,535	158,542	1,842
Alpine	2,360	2,128	200	Plumas	22,166	22,583	0
Amador	16,308	16,081	1,051	Riverside	994,073	995,971	12,034
Butte	153,169	155,688	4,085	Sacramento	789,309	783,359	12,510
Calaveras	34,686	36,033	1,261	San Benito	32,487	32,733	435
Colusa	20,130	19,239	690	San Bernardino	1,294,040	1,266,429	32,295
Contra Costa	680,272	645,672	62,242	San Diego	1,686,030	1,680,784	18,616
Del Norte	19,813	18,558	0	San Francisco	397,744	399,015	42,210
El Dorado	103,120	101,923	1,752	San Joaquin	465,311	468,234	12,282
Fresno	732,479	720,895	84,725	San Luis Obispo	183,513	174,449	242
Glenn	30,857	30,620	0	San Mateo	414,485	419,989	7,440
Humboldt	110,187	107,805	1,014	Santa Barbara	259,069	256,399	2,595
Imperial	141,648	140,835	4,548	Santa Clara	1,227,457	1,197,955	44,554
Inyo	20,528	21,238	105	Santa Cruz	192,519	192,404	1,237
Kern	650,214	622,267	43,646	Shasta	137,109	136,005	481
Kings	101,443	97,302	4,462	Sierra	7,172	6,986	0
Lake	44,584	45,143	676	Siskiyou	47,113	46,809	354
Lassen	33,103	30,231	2,052	Solano	282,251	278,464	10,550
Los Angeles	7,238,172	7,357,984	72,750	Sonoma	294,124	295,244	9,169
Madera	108,246	108,279	3,227	Stanislaus	370,401	364,048	92,074
Marin	141,367	139,903	947	Sutter	61,833	62,305	1,725
Mariposa	12,865	12,523	0	Tehama	51,748	50,595	410
Mendocino	101,472	102,412	1,560	Trinity	19,160	20,286	155
Merced	214,259	216,530	1,242	Tulare	324,388	324,954	926
Modoc	16,773	14,614	507	Tuolumne	38,389	36,133	257
Mono	12,123	13,451	463	Ventura	539,502	521,382	56,165
Monterey	307,246	305,468	3,660	Yolo	88,711	89,590	3,510
Napa	76,753	75,807	1,710	Yuba	59,798	59,176	1,361

a/ School Districts does not include community college districts as in years prior to fiscal year 1984-85.

Source: California Department of Education, Office of Management Reports and Analysis

Department of Education
School Business Services Division
(916) 322-5582

TABLE M-17

FINANCIAL TRANSACTIONS CONCERNING SPECIAL DISTRICTS, BY COUNTY, FISCAL YEAR 1989-90 a/

(In thousands)

County	Receipts	Payments	Bonded indebtedness	County	Receipts	Payments	Bonded indebtedness
Total	$13,737,104	$12,383,577	$16,923,306	Nevada	75,172	60,232	71,426
				Orange	959,286	730,655	1,862,034
Alameda	1,091,872	946,042	758,773	Placer	94,496	75,620	133,924
Alpine	1,019	1,174	356	Plumas	17,350	16,845	1,568
Amador	6,871	6,219	--	Riverside	782,601	539,781	224,194
Butte	50,898	44,945	69,360	Sacramento	1,171,102	1,727,970	3,195,032
Calaveras	21,314	16,691	3,497	San Benito	19,686	17,042	5,355
Colusa	7,966	7,438	637	San Bernardino	485,332	355,545	280,845
Contra Costa	487,553	411,068	321,162	San Diego	1,298,754	1,100,074	917,740
Del Norte	6,666	6,344	--	San Francisco	130,978	127,129	103,496
El Dorado	64,797	49,547	30,114	San Joaquin	100,809	108,809	30,331
Fresno	142,917	135,341	94,953	San Luis Obispo	38,151	32,258	27,573
Glenn	14,166	14,866	4,414	San Mateo	310,338	271,170	88,123
Humboldt	37,115	27,423	27,849	Santa Barbara	166,920	160,984	51,011
Imperial	211,396	175,380	6,876	Santa Clara	538,154	470,903	353,237
Inyo	19,520	18,643	1,375	Santa Cruz	90,246	80,520	17,081
Kern	422,346	372,576	181,785	Shasta	40,725	36,323	59,819
Kings	32,661	31,956	31,563	Sierra	687	740	1,845
Lake	37,749	22,135	10,364	Siskiyou	9,990	9,117	597
Lassen	15,940	15,201	142	Solano	104,409	70,092	538,540
Los Angeles	3,078,624	2,716,913	5,729,891	Sonoma	133,108	105,197	66,268
Madera	26,973	23,693	13,986	Stanislaus	333,503	341,850	640,750
Marin	120,366	99,436	53,431	Sutter	30,916	29,298	15,517
Mariposa	4,441	4,482	277	Tehama	3,471	2,701	196
Mendocino	53,178	48,059	406,966	Trinity	7,922	6,055	888
Merced	38,654	35,048	33,645	Tulare	224,284	202,808	102,212
Modoc	3,253	3,330	89	Tuolumne	31,504	27,295	67,051
Mono	9,116	5,985	2,908	Ventura	282,522	231,404	105,619
Monterey	177,185	158,702	36,084	Yolo	14,218	11,929	12,199
Napa	25,538	16,467	6,252	Yuba	30,376	18,127	122,086

a/ Special Districts does not include community redevelopment agencies as in years prior to fiscal year 1985-86.
Totals may not add due to independent rounding.

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-18

FINANCIAL TRANSACTIONS CONCERNING REDEVELOPMENT AGENCIES, BY COUNTY, FISCAL YEAR 1989-90

(In thousands)

County	Receipts	Payments	Bonded indebted-ness	County	Receipts	Payments	Bonded indebted-ness
Total	$4,540,558	$4,021,747	$6,299,757	Nevada	129	19	--
				Orange	551,029	508,725	650,705
Alameda	228,733	125,441	239,789	Placer	8,365	5,114	7,065
Alpine	--	--	--	Plumas	--	--	--
Amador	--	--	--	Riverside	231,558	198,386	280,900
Butte	7,741	8,465	16,520	Sacramento	65,234	53,371	75,870
Calaveras	--	--	--	San Benito	7,901	2,258	14,035
Colusa	--	--	--	San Bernardino	461,784	372,232	460,375
Contra Costa	137,436	145,753	263,940	San Diego	220,128	153,793	275,297
Del Norte	314	448	--	San Francisco	97,312	65,373	262,397
El Dorado	12,957	10,624	--	San Joaquin	5,979	8,597	--
Fresno	27,108	27,598	25,629	San Luis Obispo	327	580	--
Glenn	35	25	72	San Mateo	36,069	27,708	31,190
Humboldt	7,600	8,982	3,820	Santa Barbara	18,413	24,629	39,015
Imperial	6,106	5,046	8,300	Santa Clara	224,489	218,057	472,609
Inyo	--	2	--	Santa Cruz	12,392	9,000	29,455
Kern	24,924	18,508	12,390	Shasta	7,339	2,916	11,125
Kings	5,869	3,473	3,845	Sierra	--	--	--
Lake	--	--	--	Siskiyou	--	--	--
Lassen	--	--	--	Solano	80,294	64,212	116,055
Los Angeles	1,869,376	1,760,817	2,798,528	Sonoma	21,685	23,537	30,750
Madera	--	--	--	Stanislaus	6,393	6,116	3,400
Marin	3,409	6,226	14,440	Sutter	13	1,197	--
Mariposa	--	--	--	Tehama	--	--	--
Mendocino	249	247	--	Trinity	--	--	--
Merced	4,066	7,228	3,865	Tulare	6,156	6,698	2,100
Modoc	--	--	--	Tuolumne	--	--	--
Mono	--	--	--	Ventura	114,943	117,884	93,461
Monterey	19,206	17,483	46,380	Yolo	5,397	3,664	--
Napa	1,836	1,057	6,435	Yuba	264	258	--

Office of State Controller
Division of Local Government Fiscal Affairs
(916) 445-5153

TABLE M-19

FINANCIAL TRANSACTIONS CONCERNING COMMUNITY COLLEGE DISTRICTS, BY COUNTY OF JURISDICTION, FISCAL YEAR 1989-90

(In thousands)

Jurisdictional county a/	Governmental Group Funds b/			Proprietary Group Funds c/			Fiduciary Group Funds d/			Bonded indebtedness e/	
	Total Revenue	Total Expenditures	Net other In/Outgo	Total Revenue	Total Expenditures	Net other In/Outgo	Total Revenue	Total Expenditures	Net other In/Outgo	Gen. oblig. bonds	Revenue bonds
Total	$3,078,693	$3,033,908	($14,046)	$158,642	$147,236	$1,254	$155,666	$37,708	($109,831)	$20,453	$6,693
Alameda	124,346	122,581	(1,454)	7,165	5,896	72	6,045	978	(4,952)	8,615	0
Butte	27,458	27,799	14	2,514	2,535	0	2,339	179	(2,223)	0	0
Contra Costa	83,242	81,399	(99)	8,591	8,058	(118)	2,282	184	(2,072)	30	0
El Dorado	4,435	4,733	70	7	0	(223)	139	2	(134)	0	0
Fresno	63,778	60,583	(317)	3,838	3,388	67	5,548	105	(5,445)	0	405
Humboldt	20,251	21,060	(57)	602	461	(73)	1,587	20	(1,529)	0	390
Imperial	14,925	16,042	0	377	407	0	1,589	0	(1,589)	1,610	0
Kern	68,019	60,428	(1,405)	239	264	(260)	7,229	4,083	(2,917)	0	145
Lassen	10,371	9,864	(87)	243	217	0	745	4	(625)	120	604
Los Angeles	755,076	763,427	(826)	12,398	10,279	(69)	30,660	6,021	(24,215)	4,700	355
Marin	27,290	28,382	(19)	433	385	0	1,094	149	(926)	0	0
Mendocino	12,774	12,806	197	871	869	(300)	681	26	(647)	0	0
Merced	22,502	22,030	(131)	1,097	1,015	(1)	2,379	169	(2,147)	0	0
Monterey	41,951	39,732	(1,865)	2,954	2,773	(72)	1,872	328	(1,167)	0	385
Napa	18,162	17,646	(43)	0	0	0	1,172	447	(702)	0	0
Orange	349,791	336,066	(3,239)	18,087	14,074	539	16,801	8,328	(5,301)	0	0
Placer	25,913	23,617	(163)	2,764	2,539	(103)	1,348	521	(620)	0	891
Plumas	4,319	4,161	(85)	659	617	0	581	2	(584)	0	0
Riverside	92,409	90,093	(795)	1,895	1,639	(392)	3,810	895	(2,851)	800	0
Sacramento	107,258	103,058	1,116	12,748	12,426	(587)	3,826	554	(3,764)	0	0
San Bernardino	88,422	83,127	(1,066)	3,659	3,738	522	5,719	1,628	(3,131)	0	0
San Diego	291,594	291,612	1,856	30,515	29,538	(137)	12,549	746	(11,347)	90	0
San Francisco	97,116	97,092	(21)	3,661	3,156	(77)	4,398	725	(3,591)	0	0
San Joaquin	45,925	41,445	(276)	4,449	4,086	(112)	3,366	436	(2,899)	0	310
San Luis Obispo	20,549	19,299	11	1,675	1,486	(1)	993	186	(774)	1,195	0
San Mateo	66,131	61,880	(141)	4,961	4,694	80	2,093	293	(1,924)	0	0
Santa Barbara	70,142	64,281	(712)	159	92	0	3,637	935	(2,481)	2,038	0
Santa Clara	220,112	228,532	(4,515)	18,339	19,654	2,755	8,013	2,551	(5,235)	715	1,200
Santa Cruz	28,705	26,732	(225)	2,709	2,627	(15)	1,377	447	(904)	0	0
Shasta	23,618	22,800	(46)	0	0	0	1,932	13	(1,832)	540	690
Siskiyou	8,009	7,713	698	297	271	0	818	806	0	0	248
Solano	21,650	20,940	(170)	1,881	1,692	(52)	1,435	513	(688)	0	452
Sonoma	56,728	60,166	(432)	329	344	50	2,668	135	(2,511)	0	618
Stanislaus	48,035	46,308	349	43	0	100	2,062	145	(1,854)	0	0
Tulare	22,601	21,125	0	2,409	2,380	0	6,077	3,228	(2,723)	0	0
Ventura	68,477	67,785	(18)	6,075	5,635	(338)	2,046	99	(1,881)	0	0
Yuba	26,609	27,563	(146)	0	0	0	4,757	1,825	(1,644)	0	0

a/ A community college district may include more than one county as its servicing and taxation base; however, each district is placed under a single jurisdictional county.

b/ The Governmental Group Funds focus on institutional objectives and include general, debt servicing, special revenue and capital outlay project funds.

c/ The Proprietary Group Funds focus on ongoing governmental activities that generate income similar to enterprise operations, such as a bookstore, cafeteria and farm operations or an internal service operation.

d/ The Fiduciary Group Funds account for assets held by the district in a trustee or agency capacity for others, and include associated students, financial aid, scholarships and loans, investment trusts, and other trust and agency funds.

e/ The bonded indebtedness includes general obligation bonds serviced from local tax levies, and revenue bonds serviced by revenues generated from the project.

Source: California Community Colleges, Fiscal Data Abstract.

California Community Colleges, Fiscal Services Unit, (916) 445-1163

TABLE M-20

ASSESSED VALUE OF STATE- AND COUNTY-ASSESSED TANGIBLE PROPERTY SUBJECT TO LOCAL TAXATION BY CLASS OF PROPERTY, 1990-91

(In millions)

Type of property	State assessed	County assessed	Total
Net total a/	$75,139	$1,502,793	$1,577,932
Land	7,546	575,779	583,325
Improvements	63,764	863,168	926,932
Personal property b/	3,828	96,041	99,870
Exemptions c/	--	32,195	32,195

a/ Net total is the sum of land, improvements, and personal property less exemptions. Detail may not add to total due to rounding.

b/ Excludes the value of railroad cars operated by private car companies, subject to exclusive state taxation.

c/ Exemptions include those for veterans, churches, private colleges, private schools and hospitals, but exclude the reimbursable homeowners' exemption. Business inventories, exempt since 1980-81, are also excluded.

TABLE M-21

ASSESSED VALUE OF TANGIBLE PROPERTY SUBJECT TO LOCAL TAXATION, TAX ALLOCATIONS AND LEVIES AND AVERAGE TAX RATE, CALIFORNIA

(In thousands)

	1986-87	1987-88	1988-89	1989-90	1990-91
Net taxable assessed value	$1,027,308,485	$1,132,094,179	$1,242,494,362	$1,379,242,002	$1,542,398,067
Property tax allocations and levies a/					
City	$1,455,255	$1,610,325	$1,762,635	$1,947,790	$2,158,724
County b/	3,698,633	4,081,410	4,446,822	4,895,866	5,444,521
School b/	4,039,036	4,360,274	4,724,216	5,192,089	5,748,667
Other district c/	1,932,657	2,151,535	2,373,866	2,684,473	3,046,344
Total	$11,125,581	$12,203,544	$13,307,539	$14,720,218	$16,398,256
Average tax rate per $100 of assessed value	1.083%	1.078%	1.071%	1.067%	1.063%
Exempt valuation, excluded from assessed value data shown above					
Total	$52,086,348	$55,387,418	$57,698,448	$60,910,076	$64,735,793
Homeowners	30,691,272	31,222,301	31,753,571	32,146,177	32,540,340
Business inventories		----------	(entirely exempt)	----------	
All other	21,395,076	24,165,118	25,944,877	28,763,899	32,195,452

a/ County levies (set at $1.00 per $100 of assessed value by Proposition 13) have been allocated among the jurisdictions receiving a portion of those levies. State reimbursements to local governments for the homeowners' exemption are excluded: 1986-87, $330,394,000; 1987-88, $334,551,000; 1988-89, $340,806,000; 1989-90, $341,364,000; 1990-91, $343,566,000. The business inventory reimbursement was eliminated effective 1984-85.

b/ County levies for school purposes such as junior college tuition and county-wide school levies are included with school levies.

c/ Includes debt levies on land and/or improvements only. Also includes the portion of the $1.00 levy allocated to jurisdictions previously taxing less than total property.

Source agency for tables M-20 and M-21:
Board of Equalization, Research and Statistics Division
(916) 445-0840

TABLE M-22

1990–91 PROPERTY TAX DOLLAR a/ BY GOVERNING BODY

County	City	County b/	School purpose b/	Other districts	Total
Total	$0.13	$0.33	$0.35	$0.19	$1.00
Alameda	0.24	0.31	0.23	0.22	1.00
Alpine	--	0.66	0.21	0.13	1.00
Amador	0.05	0.44	0.48	0.03	1.00
Butte	0.07	0.23	0.55	0.15	1.00
Calaveras	0.01	0.28	0.56	0.15	1.00
Colusa	0.05	0.36	0.51	0.08	1.00
Contra Costa	0.11	0.25	0.33	0.31	1.00
Del Norte	0.02	0.30	0.52	0.16	1.00
El Dorado	0.05	0.32	0.38	0.25	1.00
Fresno	0.16	0.29	0.41	0.14	1.00
Glenn	0.07	0.33	0.55	0.05	1.00
Humboldt	0.05	0.36	0.44	0.15	1.00
Imperial	0.09	0.33	0.50	0.08	1.00
Inyo	0.01	0.38	0.54	0.07	1.00
Kern	0.05	0.39	0.43	0.13	1.00
Kings	0.08	0.44	0.36	0.12	1.00
Lake	0.03	0.36	0.44	0.17	1.00
Lassen	0.04	0.29	0.59	0.08	1.00
Los Angeles	0.19	0.42	0.21	0.18	1.00
Madera	0.04	0.29	0.59	0.08	1.00
Marin	0.14	0.28	0.42	0.16	1.00
Mariposa	--	0.33	0.61	0.06	1.00
Mendocino	0.03	0.38	0.49	0.10	1.00
Merced	0.09	0.39	0.42	0.10	1.00
Modoc	0.04	0.36	0.54	0.06	1.00
Mono	0.03	0.38	0.33	0.26	1.00
Monterey	0.10	0.27	0.48	0.15	1.00
Napa	0.11	0.32	0.51	0.06	1.00
Nevada	0.03	0.28	0.49	0.20	1.00
Orange	0.12	0.18	0.47	0.23	1.00
Placer	0.07	0.30	0.49	0.14	1.00
Plumas	0.01	0.27	0.60	0.12	1.00
Riverside	0.07	0.24	0.36	0.33	1.00
Sacramento	0.11	0.36	0.27	0.26	1.00
San Benito	0.04	0.20	0.51	0.25	1.00
San Bernardino	0.09	0.26	0.30	0.35	1.00
San Diego	0.15	0.24	0.50	0.11	1.00
San Francisco	--	0.86	0.08	0.06	1.00
San Joaquin	0.15	0.42	0.32	0.11	1.00
San Luis Obispo	0.08	0.33	0.53	0.06	1.00
San Mateo	0.13	0.25	0.49	0.13	1.00
Santa Barbara	0.06	0.30	0.47	0.17	1.00
Santa Clara	0.11	0.26	0.46	0.17	1.00
Santa Cruz	0.07	0.27	0.49	0.17	1.00
Shasta	0.08	0.27	0.55	0.10	1.00
Sierra	0.01	0.63	0.25	0.11	1.00
Siskiyou	0.08	0.35	0.52	0.05	1.00
Solano	0.18	0.31	0.25	0.26	1.00
Sonoma	0.09	0.33	0.46	0.12	1.00
Stanislaus	0.08	0.25	0.62	0.05	1.00
Sutter	0.09	0.33	0.47	0.11	1.00
Tehama	0.07	0.38	0.51	0.04	1.00
Trinity	--	0.38	0.56	0.06	1.00
Tulare	0.08	0.42	0.41	0.09	1.00
Tuolumne	0.01	0.40	0.52	0.07	1.00
Ventura	0.08	0.28	0.38	0.26	1.00
Yolo	0.23	0.25	0.39	0.13	1.00
Yuba	0.06	0.39	0.44	0.11	1.00

a/ Includes special assessments levied on limited categories of property to finance activities from which such properties derive special benefits.
b/ County levies for school purposes such as junior college tuition and countywide school levies are included with school levies.

Board of Equalization, Research and Statistics Division, (916) 445-0840

TABLE M-23

SENIOR CITIZENS AND DISABLED HOMEOWNER/RENTER PROPERTY TAX ASSISTANCE 1990

Household income class	Homeowners No. of claimants	Homeowners Amt. of assistance	Renters No. of claimants	Renters Amt. of assistance
Total	34,996	$3,108,074	163,395	$16,353,042
$1,000 or less	44	12,855	129	29,250
1,001-2,000	37	9,664	301	65,300
2,001-3,000	125	29,557	1,047	241,640
3,001-4,000	367	86,257	2,143	481,277
4,001-5,000	982	207,996	3,786	775,283
5,001-6,000	2,175	401,505	7,031	1,257,147
6,001-7,000	4,062	580,086	15,439	2,116,358
7,001-8,000	12,951	1,203,443	92,632	9,254,190
8,001-9,000	4,613	308,274	26,272	1,758,195
9,001-10,000	3,327	136,891	5,797	215,953
10,001-11,000	2,676	68,620	3,915	87,834
11,001-12,000	2,066	40,274	2,782	45,706
12,001-13,200	1,571	22,652	2,121	24,909

Assistance totals may not match those on Table M-24 due to rounding.

Franchise Tax Board
Research Bureau
(916) 369-3400

TABLE M-24

SENIOR CITIZENS AND DISABLED HOMEOWNER/RENTER PROPERTY TAX ASSISTANCE, 1990

County	Owners			Renters		
	Number of Claimants	Property Tax Paid	Amount of Assistance	Number of Claimants	Property Tax Paid	Amount of Assistance
Total	34,996	$11,732,003	$3,108,075	163,395	$40,848,750	$16,353,049
Alameda	1,827	640,257	181,354	7,208	1,802,000	731,249
Alpine	--	--	--	--	--	--
Amador	56	20,824	4,159	131	32,750	11,164
Butte	409	114,197	33,055	1,374	343,500	129,296
Calaveras	64	24,982	5,591	144	36,000	14,464
Colusa	41	9,255	2,666	94	23,500	8,715
Contra Costa	1,170	379,703	102,611	3,195	798,750	313,493
Del Norte	21	5,148	1,148	133	33,250	13,407
El Dorado	164	59,584	13,689	542	135,500	52,885
Fresno	1,425	378,855	125,491	5,338	1,334,500	516,528
Glenn	66	13,503	4,112	148	37,000	14,130
Humboldt	338	95,375	27,176	856	214,000	81,487
Imperial	61	15,978	5,442	324	81,000	32,634
Inyo	47	13,490	3,640	127	31,750	12,203
Kern	1,215	290,070	91,282	3,756	939,000	378,981
Kings	143	33,758	10,213	487	121,750	48,963
Lake	213	57,999	15,695	431	107,750	42,090
Lassen	38	11,178	2,697	68	17,000	6,280
Los Angeles	9,409	3,211,647	878,789	57,827	14,456,750	5,994,865
Madera	115	33,859	8,756	309	77,250	31,748
Marin	192	106,306	22,003	582	145,500	54,520
Mariposa	50	16,388	3,006	67	16,750	6,605
Mendocino	154	51,781	12,832	565	141,250	53,434
Merced	312	74,903	23,382	1,003	250,750	101,045
Modoc	17	4,004	1,529	46	11,500	4,691
Mono	2	622	145	2	500	165
Monterey	231	82,640	20,813	1,058	264,500	103,600
Napa	134	41,792	10,071	496	124,000	44,806
Nevada	122	46,097	10,886	256	64,000	23,080
Orange	1,727	704,185	148,706	6,329	1,582,250	627,403
Placer	190	68,893	15,029	814	203,500	74,493
Plumas	31	10,846	2,328	99	24,750	9,373
Riverside	1,304	466,484	112,470	5,211	1,302,750	490,051
Sacramento	1,469	409,643	117,404	6,187	1,546,750	611,313
San Benito	32	11,475	3,019	59	14,750	6,138
San Bernardino	1,838	543,446	145,747	6,699	1,674,750	642,301
San Diego	2,206	818,142	195,064	11,700	2,925,000	1,145,349
San Francisco	844	311,212	84,234	8,393	2,098,250	814,690
San Joaquin	833	239,637	67,484	5,653	1,413,250	596,341
San Luis Obispo	263	95,223	22,156	834	208,500	81,314
San Mateo	699	331,294	75,912	1,408	352,000	136,201
Santa Barbara	328	142,539	34,903	1,209	302,250	115,980
Santa Clara	1,203	444,637	120,803	5,066	1,266,500	489,756
Santa Cruz	306	116,645	29,670	1,285	321,250	124,092
Shasta	355	102,901	27,865	1,298	324,500	112,101
Sierra	15	3,686	1,145	14	3,500	1,555
Siskiyou	157	43,707	12,001	327	81,750	32,310
Solano	275	90,255	22,211	1,381	345,250	134,084
Sonoma	477	195,571	45,337	1,375	343,750	129,640
Stanislaus	653	187,945	55,442	2,726	681,500	277,574
Sutter	107	28,808	8,236	464	116,000	43,637
Tehama	114	26,011	9,184	285	71,250	26,296
Trinity	26	11,169	2,148	49	12,250	4,903
Tulare	475	110,544	34,040	1,911	477,750	218,045
Tuolumne	66	24,485	5,546	220	55,000	20,179
Ventura	414	166,380	39,872	2,370	592,500	222,341
Yolo	164	46,513	13,645	1,115	278,750	108,864
Yuba	123	35,214	10,309	614	153,500	60,254
Unclassified	266	110,318	23,932	1,733	433,250	169,943

Assistance totals may not match those on Table M-23 due to rounding.

Franchise Tax Board, Research Bureau, (916) 369-3400

SECTION N

LAW ENFORCEMENT

This section presents summary tables showing the number and procedural movement of persons under commitment to the two State correctional agencies, the Departments of Corrections and Youth Authority.

TABLE N-1

OFFENSE GROUPS OF FELONS IN CALIFORNIA PRISONS DECEMBER 31, 1989 AND 1990

Offense	1989 Total	1989 Men	1989 Women	1990 Total	1990 Men	1990 Women
Total known offenses	84,134	78,710	5,424	94,090	88,236	5,854
Homicide	8,078	7,708	370	11,569	10,946	623
Robbery	11,139	10,677	462	12,159	11,720	439
Assault	8,592	8,116	476	7,057	6,776	281
Rape	2,145	2,144	1	2,222	2,222	0
Other sex	4,776	4,717	59	5,085	5,033	52
Kidnapping	1,333	1,302	31	1,413	1,382	31
Burglary	13,067	12,503	564	13,699	13,121	578
Theft, except vehicle	6,728	5,832	896	7,793	6,772	1,021
Vehicle theft	1,958	1,904	54	2,358	2,304	54
Forgery/fraud	1,029	760	269	1,028	746	282
Other property	296	217	79	281	233	48
Drugs	21,168	19,170	1,998	23,885	21,637	2,248
All others	3,825	3,660	165	5,541	5,344	197

TABLE N-2

MOVEMENT OF PRISON POPULATION, CALIFORNIA, 1990

Movement	Men	Women
Population, January 1	81,297	6,000
Received	103,045	10,886
Committed by court	37,557	4,102
Returned for parole violations	52,006	4,486
Returned from escape	592	57
Returned from court	6,869	1,078
County diagnostic cases	2,032	245
From other State/Federal	419	19
All other	3,570	899
Released	93,535	10,384
Discharged at expiration of sentence	1,834	192
Paroled	74,700	7,548
Died	121	1
Executed	0	0
Escaped	983	114
Taken to court	7,947	1,214
County diagnostic cases	1,978	252
To other State/Federal	88	3
All other	5,884	1,060
Population, December 31	90,807	6,502
Net increase during year	9,510	502

Source agency for tables N1 and N2:
Department of Corrections
Offender Information Services
(916) 324-8810

TABLE N-3

TIME SERVED IN PRISON
FELONS FIRST RELEASED TO PAROLE BY OFFENSE, 1989
(In months)

	Total time served			Time served in CDC institutions		Preconfinement time	
	Number	Mean	Median	Mean	Median	Mean	Median
Total Felons, known offenses	37,224	23.0	17	16.4	12	6.6	5
Violent offenses, total	8,780	35.3	27	27.4	21	7.9	6
Homicide, total	651	48.4	37	38.5	29	9.9	8
Murder 1st	51	166.3	166	160.0	160	6.3	6
Murder 2nd	3	61.9	52	46.2	45	15.7	7
Manslaughter	404	42.8	40	30.5	30	12.3	10
Manslaughter by vehicle	193	28.6	27	22.9	23	5.7	4
Robbery	3,704	32.8	26	25.4	20	7.4	6
Assault, total	2,589	29.9	24	21.6	17	8.3	7
Assault w/deadly weapon	1,735	28.4	24	20.2	17	8.2	7
Attempted murder 1st	80	70.7	69	60.7	60	10.0	9
Attempted murder 2nd	75	63.1	62	52.4	53	10.7	9
Other assault/battery	699	25.5	20	17.3	13	8.2	7
Sex offenses, total	1,673	42.2	39	34.9	33	7.3	6
Rape	467	52.1	44	43.7	37	8.4	7
Lewd act/w child	861	38.9	38	32.1	33	6.8	5
Oral copulation	152	46.0	42	38.8	36	7.2	6
Sodomy	34	55.8	55	46.2	48	9.6	7
Penetration with object	29	35.8	34	28.0	28	7.8	6
Other	130	21.7	19	15.6	14	6.1	5
Kidnapping	163	54.6	48	44.8	39	9.8	9
Property offenses, total	14,113	20.0	15	14.0	11	6.0	4
Burglary, total	6,547	23.8	17	17.3	12	6.5	5
Burglary 1st	3,642	29.5	25	22.5	20	7.0	5
Burglary 2nd	2,905	16.7	14	10.8	10	5.9	4
Theft, total	5,054	16.6	14	11.0	10	5.6	4
Grand theft	1,760	17.7	15	11.4	10	6.3	5
Petty theft with prior	2,018	15.2	13	10.7	10	4.5	3
Rec. stolen property	1,276	17.2	15	10.9	10	6.3	5
Vehicle theft	1,409	16.5	14	10.9	10	5.6	4
Forgery/fraud	901	18.2	15	12.1	11	6.1	4
Other property	202	17.6	16	12.1	11	5.5	5
Drug offenses, total	12,463	18.4	16	12.0	11	6.4	5
CSS possession	5,353	14.4	13	8.5	8	5.9	5
CSS possession for sale	3,316	20.1	17	13.9	12	6.2	5
CSS sale	2,235	25.9	23	18.0	17	7.9	6
CSS manufacturing	89	27.4	32	21.0	19	6.4	5
CSS other	335	16.0	13	10.2	9	5.8	4
Marijuana possession	22	15.5	14	9.0	8	6.5	6
Marijuana poss. for sale	467	14.6	13	8.7	8	5.9	5
Marijuana sale	610	18.8	16	12.6	11	6.2	5
Marijuana other	36	15.8	15	9.4	9	6.4	6
Other offenses, total	1,868	18.2	15	12.3	10	5.9	5
Driving under the influence	482	15.4	12	10.4	8	5.0	4
Escape	150	18.0	12	13.7	9	4.3	3
Arson	164	27.5	22	18.8	15	8.7	7
Possession of weapon	775	17.3	15	12.0	11	5.3	4
Other	297	19.9	16	11.8	9	8.1	7

CSS: Controlled substances schedules

Department of Corrections
Offender Information Services Branch
(916) 323-3639

TABLE N-4

MOVEMENT OF YOUTH AUTHORITY PAROLE POPULATION, 1985 TO 1990

Movement	1985	1986	1987	1988 a/	1989	1990
On parole, January 1	6,490	5,735	4,443	3,744	4,969 b/	5,934 b/
Received on parole	3,584	2,776	2,785	4,125	4,596	4,443
Removed from parole	4,339	4,068	3,484	2,900	3,631	4,225
Ordered returned	1,480	1,633	1,491	1,105	1,334	1,667
Discharged	2,859	2,435	1,993	1,795	2,297	2,558
Not on violation	1,580	1,435	1,211	1,114	1,552	1,697
On violation	1,279	1,000	782	681	745	861
On parole, December 31	5,735	4,443	3,744	4,969 b/	5,934 b/	6,152 b/
Net change during year	-755	-1,293	-699	+1,225	+965	+218
Percent change from prior year	-11.6	-22.5	-15.7	+32.7	+19.4	+3.7

a/ As of January 1988, commitments placed in Youth Authority institutions by the Department of Corrections could be put under Youth Authority parole supervision.
b/ Due to inadequate data collection of Department of Corrections parolees under Youth Authority supervision, this number is overstated.

TABLE N-5

MOVEMENT OF POPULATION IN INSTITUTIONS HOUSING YOUTH AUTHORITY OFFENDERS a/, 1985 TO 1990

Movement	1985	1986	1987	1988	1989	1990
Population, January 1	6,345	7,139	8,289	8,822	8,751	8,316
Received b/	8,021	7,862	7,614	7,308	7,495	8,069
Committed by court	3,755	3,835	3,641	3,774	3,629	3,615
Returned from parole	1,449	1,587	1,501	1,106	1,129	1,345
Parole detention	845	738	952	921	1,234	1,610
Other	1,972	1,702	1,520	1,507	1,503	1,499
Released b/	7,227	6,712	7,081	7,379	7,930	8,081
Paroled	3,232	2,508	2,517	3,396	4,194	4,000
To California supervision (CYA)	3,166	2,442	2,451	3,294	3,974	3,864
To Dept. of Corrections parole	--	--	--	2	--	--
To out-of-state supervision	66	66	66	100	220	136
Escaped	208	164	121	110	75	70
Discharged or otherwise released	2,940	3,310	3,529	2,931	2,511	2,417
Parole detention	847	730	914	942	1,150	1,594
Population, December 31	7,139	8,289	8,822	8,751	8,316	8,304
Net change during year	+794	+1,155	+533	-71	-435	-12
Percent change from prior year	12.5	16.2	6.4	-0.8	-5.0	-0.1

a/ Includes wards in Youth Authority and Department of Corrections and Federal institutions, excluding wards in other State or local facilities.
b/ Includes California Department of Corrections commitments placed in Youth Authority Institutions under Welfare and Institutions Code Section 1731.5(c), as well as direct Youth Authority commitments.

Source agency for Tables N-4 and N-5:
Department of the Youth Authority
Information Systems Bureau
(916) 427-4836

SECTION O

ELECTIONS

Information relating to registrations and voting is presented in this section. In the interest of space the data are limited to registrations by principal political parties, the total vote cast, and a statement of the vote for major candidates at the November 1988 and 1990 General Elections. A complete accounting of registrations, the vote for all candidates (including representatives in Congress, State senators, assemblymen and judicial officers) and the vote cast for and against all ballot propositions is given by the Secretary of State in Statement of Vote, a booklet issued after each primary and general election.

TABLE O-1

REGISTRATION AND VOTE CAST IN CALIFORNIA, 1988 AND 1990

	1988 Primary Election	1988 General Election	1990 Primary Election	1990 General Election
Registration, total	12,537,207	14,004,873	12,981,429	13,478,027
Democratic	6,380,397	7,052,368	6,453,186	6,671,747
Republican	4,782,248	5,406,127	5,072,331	5,290,202
Other	1,374,562	1,546,378	1,455,912	1,516,078
American Independent	146,072	163,685	152,085	156,524
Libertarian Party	45,983	49,075	47,596	50,782
Peace and Freedom Party	45,207	47,890	50,192	52,283
Miscellaneous non-qualified	29,785	29,501	28,165	35,115
Declined-to-affiliate	1,107,515	1,256,227	1,177,874	1,221,374
Vote cast	6,037,468	10,194,539	5,386,537	7,899,131

TABLE O-2

STATEMENT OF VOTE a/ FOR ELECTED OFFICIALS, 1988 AND 1990

Democratic		Republican	
Candidate	Vote	Candidate	Vote
PARTISAN			
1988:			
	United States President		
Michael S. Dukakis Lloyd Bentsen	4,702,233	George Bush Dan Quayle	5,054,917
	United States Senator		
Leo McCarthy	4,287,253	Pete Wilson	5,143,409
1990:			
	Governor		
Dianne Feinstein	3,525,197	Pete Wilson	3,791,904
	Lieutenant Governor		
Leo McCarthy	3,874,308	Marian Bergeson	3,186,508
	Secretary of State		
March Fong Eu	3,864,151	Joan Milke Flores	3,032,755
	Controller		
Gray Davis	4,153,534	Matt Fong	2,700,696
	Treasurer		
Kathleen Brown	3,579,389	Thomas W. Hayes	3,347,614
	Attorney General		
Arlo Smith	3,379,021	Dan Lungren	3,407,927
	Insurance Commissioner		
John Garamendi	3,770,717	Wes Bannister	2,736,577
	Member, State Board of Equalization		
First District: William M. Bennett	1,075,043	Jeff Wallack	832,471
Second District: Brad Sherman	898,820	Claude W. Parrish	682,240
Third District: Floyd L. Morrow	741,827	Ernest J. Dronenburg, Jr.	946,210
Fourth District b/: Paul Carpenter	561,379	Joe H. Adams, Jr.	523,694
NON-PARTISAN			
	Superintendent of Public Instruction		
Bill Honig Mark Isler	2,554,143 531,900	Carol S. Koppel Samuel Rodriguez	765,039 784,297

a/ For candidates and vote of minor parties see booklet 'Statement of Vote', compiled by the Secretary of State.
b/ Office vacated pursuant to Government Code Section 1021.
Source agency for tables O1 and O2: Secretary of State, Elections, (916) 445-0820

TABLE O-3

VOTER REGISTRATION, BY COUNTY, CALIFORNIA, OCTOBER 9, 1990

County	Eligible	Registered	Democratic	Republican	American Independent	Libertarian	Peace & Freedom	Miscellaneous	Declined-to-affiliate
Total	19,244,902	13,478,027	6,671,747	5,290,202	156,524	50,782	52,283	35,115	1,221,374
Distribution	100.00%	70.03%	49.50%	39.25%	1.16%	0.38%	0.39%	0.26%	9.06%
Alameda	858,481	652,400	407,566	160,295	6,960	2,147	3,337	3,393	68,702
Alpine	993	692	272	293	8	4	5	1	109
Amador	22,502	17,227	8,562	7,175	255	55	44	42	1,094
Butte	135,928	98,925	43,435	43,309	1,447	604	410	178	9,542
Calaveras	26,096	18,712	8,582	8,311	215	131	53	276	1,144
Colusa	10,182	6,743	3,168	3,013	93	10	18	4	437
Contra Costa	546,632	453,435	233,702	167,703	5,315	1,319	1,270	500	43,626
Del Norte	14,722	11,104	5,382	4,075	276	29	54	2	1,286
El Dorado	95,343	72,804	32,284	33,024	959	247	171	257	5,862
Fresno	415,876	285,282	153,754	108,886	3,311	632	842	291	17,566
Glenn	16,171	10,577	4,828	4,642	152	33	22	4	896
Humboldt	87,291	70,885	40,912	21,795	914	234	343	20	6,667
Imperial	55,621	34,947	18,956	12,112	516	78	170	58	3,057
Inyo	13,428	10,504	4,246	5,111	153	21	34	99	840
Kern	348,687	231,600	107,127	102,326	3,733	680	736	285	16,713
Kings	56,420	31,788	16,826	11,888	531	30	90	7	2,416
Lake	41,883	26,331	14,058	9,622	317	102	63	0	2,169
Lassen	21,233	11,387	5,597	4,308	258	24	26	61	1,113
Los Angeles	5,529,883	3,487,180	1,902,797	1,233,739	33,728	12,664	16,555	8,564	279,133
Madera	57,108	35,225	18,191	14,044	470	60	97	25	2,338
Marin	172,946	138,779	72,302	46,934	1,356	696	484	375	16,632
Mariposa	11,605	9,238	4,067	3,955	182	43	41	30	920
Mendocino	51,539	42,827	23,135	13,568	568	200	340	316	4,700
Merced	99,933	64,392	35,220	22,634	929	161	217	25	5,206
Modoc	6,934	5,492	2,495	2,395	107	23	18	2	452
Mono	7,520	5,228	1,850	2,417	97	32	25	38	769
Monterey	203,978	139,633	68,858	51,239	2,019	454	526	806	15,731
Napa	79,183	60,010	30,197	23,520	769	170	183	264	4,907
Nevada	62,223	48,371	18,929	23,110	545	393	188	392	4,814
Orange	1,559,057	1,090,954	370,179	606,889	11,100	5,475	2,899	1,223	93,189
Placer	118,186	95,783	41,416	44,499	1,156	397	268	178	7,869
Plumas	14,643	11,322	5,628	4,357	174	33	38	3	1,089
Riverside	727,256	499,475	219,961	233,646	5,960	1,494	1,128	1,483	35,803
Sacramento	705,770	557,520	302,776	203,159	6,001	1,509	1,658	609	41,808
San Benito	21,328	14,993	7,524	5,725	200	40	42	23	1,439
San Bernardino	908,943	602,428	267,796	278,362	8,051	1,648	1,635	1,603	43,333
San Diego	1,587,504	1,200,120	457,918	576,849	16,792	5,657	4,670	2,036	136,198
San Francisco	484,956	409,334	265,077	76,433	4,272	2,038	3,017	1,473	57,024
San Joaquin	302,750	204,182	109,437	77,650	2,343	437	557	1,325	12,433
San Luis Obispo	164,986	116,901	45,791	55,390	1,742	584	455	680	12,259
San Mateo	439,225	324,483	170,163	111,135	3,763	1,231	1,068	341	36,782
Santa Barbara	241,208	179,137	75,391	77,787	2,405	713	724	1,111	21,006
Santa Clara	1,020,716	725,347	363,382	266,151	8,319	3,524	2,371	1,142	80,458
Santa Cruz	166,260	129,150	73,694	37,503	1,384	875	990	620	14,084
Shasta	103,065	74,266	33,431	32,922	1,283	205	219	35	6,171
Sierra	2,655	2,229	1,074	836	30	14	4	16	255
Siskiyou	31,700	23,692	11,906	8,952	459	69	97	21	2,188
Solano	212,368	151,625	83,422	49,599	1,985	382	446	41	15,750
Sonoma	276,143	220,066	122,018	73,454	2,369	821	1,148	754	19,502
Stanislaus	237,195	155,601	84,656	57,756	2,041	322	450	584	9,792
Sutter	41,630	28,707	11,531	14,416	415	79	100	106	2,060
Tehama	34,098	24,247	11,795	9,489	565	133	54	281	1,930
Trinity	10,293	7,918	3,762	2,950	198	52	47	173	736
Tulare	190,781	117,071	56,584	48,987	1,843	290	377	55	8,935
Tuolumne	35,304	27,765	13,780	11,221	329	77	88	52	2,218
Ventura	424,933	308,555	125,238	146,417	3,810	1,083	1,019	2,304	28,684
Yolo	96,722	71,689	38,830	23,442	892	253	256	489	7,527
Yuba	34,886	21,749	10,289	8,783	460	71	96	39	2,011

Secretary of State
Elections Division
(916) 445-0820

TABLE O-4

REGISTRATION AND VOTE CAST IN CALIFORNIA AT THE GENERAL ELECTION, BY COUNTY, NOVEMBER 6, 1990

County	Precincts	Eligible to register	Registered to vote	Votes cast: Precinct voters	Votes cast: Absentee volers	Votes cast: Total voters	Percent of registered	Percent of eligible
Total	26,050	19,244,902	13,478,027	6,446,992	1,452,139	7,899,131	58.61	41.05
Distribution			70.03%	81.62%	18.38%			
Alameda	1,023	858,481	652,400	324,629	56,409	381,038	58.41	44.39
Alpine	5	993	692	399	76	475	68.64	47.83
Amador	25	22,502	17,227	10,360	1,889	12,249	71.10	54.43
Butte	210	135,928	98,925	53,338	11,514	64,852	65.56	47.71
Calaveras	43	26,096	18,712	9,797	3,795	13,592	72.64	52.08
Colusa	16	10,182	6,743	3,703	881	4,584	67.98	45.02
Contra Costa	906	546,632	453,435	219,884	58,115	277,999	61.31	50.86
Del Norte	16	14,722	11,104	4,404	2,559	6,963	62.71	47.30
El Dorado	164	95,343	72,804	39,790	8,553	48,343	66.40	50.70
Fresno	743	415,876	285,282	122,465	30,522	152,987	53.63	36.79
Glenn	22	16,171	10,577	6,219	1,162	7,381	69.78	45.64
Humboldt	118	87,291	70,885	40,340	9,999	50,339	71.02	57.67
Imperial	74	55,621	34,947	16,538	2,079	18,617	53.27	33.47
Inyo	30	13,428	10,504	5,957	1,456	7,413	70.57	55.21
Kern	485	348,687	231,600	103,694	19,947	123,641	53.39	35.46
Kings	81	56,420	31,788	14,676	3,119	17,795	55.98	31.54
Lake	58	41,883	26,331	14,541	3,486	18,027	68.46	43.04
Lassen	25	21,233	11,387	7,488	1,235	8,723	76.60	41.08
Los Angeles	6,279	5,529,883	3,487,180	1,655,166	270,645	1,925,811	55.23	34.83
Madera	64	57,108	35,225	16,469	3,888	20,357	57.79	35.65
Marin	196	172,946	138,779	79,275	19,377	98,652	71.09	57.04
Mariposa	20	11,605	9,238	4,959	1,599	6,558	70.99	56.51
Mendocino	75	51,539	42,827	24,769	4,701	29,470	68.81	57.18
Merced	86	99,933	64,392	27,953	6,716	34,669	53.84	34.69
Modoc	21	6,934	5,492	3,264	538	3,802	69.23	54.83
Mono	13	7,520	5,228	2,630	548	3,178	60.79	42.26
Monterey	177	203,978	139,633	61,991	21,473	83,464	59.77	40.92
Napa	121	79,183	60,010	33,850	7,303	41,153	68.58	51.97
Nevada	113	62,223	48,371	27,645	7,137	34,782	71.91	55.90
Orange	2,352	1,559,057	1,090,954	566,726	110,475	677,201	62.07	43.44
Placer	250	118,186	95,783	51,310	14,197	65,507	68.39	55.43
Plumas	31	14,643	11,322	6,648	1,725	8,373	73.95	57.18
Riverside	985	727,256	499,475	216,346	62,577	278,923	55.84	38.35
Sacramento	1,086	705,770	557,520	282,182	60,295	342,477	61.43	48.53
San Benito	30	21,328	14,993	7,330	1,955	9,295	62.00	43.58
San Bernardino	956	908,943	602,428	257,311	52,054	309,365	51.35	34.04
San Diego	2,661	1,587,504	1,200,120	501,486	188,036	689,522	57.45	43.43
San Francisco	621	484,956	409,334	181,425	54,988	236,413	57.76	48.75
San Joaquin	456	302,750	204,182	95,174	21,224	116,398	57.01	38.45
San Luis Obispo	148	164,986	116,901	58,367	15,641	74,008	63.31	44.86
San Mateo	747	439,225	324,483	157,956	44,888	202,844	62.51	46.18
Santa Barbara	386	241,208	179,137	87,061	26,088	113,149	63.16	46.91
Santa Clara	1,404	1,020,716	725,347	370,350	58,448	428,798	59.12	42.01
Santa Cruz	232	166,260	129,150	66,971	15,421	82,392	63.80	49.56
Shasta	134	103,065	74,266	41,925	8,268	50,193	67.59	48.70
Sierra	12	2,655	2,229	1,266	355	1,621	72.72	61.05
Siskiyou	75	31,700	23,692	14,050	2,662	16,712	70.54	52.72
Solano	253	212,368	151,625	72,734	15,619	88,353	58.27	41.60
Sonoma	496	276,143	220,066	114,525	29,720	144,245	65.55	52.24
Stanislaus	244	237,195	155,601	53,779	36,691	90,470	58.14	38.14
Sutter	66	41,630	28,707	15,271	4,399	19,670	68.52	47.25
Tehama	48	34,098	24,247	14,347	2,521	16,868	69.57	49.47
Trinity	21	10,293	7,918	3,938	1,855	5,793	73.16	56.28
Tulare	240	190,781	117,071	57,650	10,121	67,771	57.89	35.52
Tuolumne	54	35,304	27,765	16,336	4,077	20,413	73.52	57.82
Ventura	659	424,933	308,555	148,889	38,641	187,530	60.78	44.13
Yolo	149	96,722	71,689	38,540	6,648	45,188	63.03	46.72
Yuba	45	34,886	21,749	10,906	1,819	12,725	58.51	36.48

Secretary of State
Elections Division
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SECTION P

COMPARATIVE FISCAL AND ECONOMIC DATA FOR THE STATES

Data in this section includes trends in taxes for the State since 1971. Fiscal year 1977-78 has been singled out due to the dramatic influence of Proposition 13. Also exhibited are tables comparing the individual states with regard to taxes in relation to personal income. Other economic, social, and demographic comparisons complete the section.

The major portion of information is supplied by the U.S. Department of Commerce, Bureau of the Census. Other Federal units, such as the Department of Labor and the Department of Defense, account for all but a few of the remaining tables.

The Department of Finance, Financial and Economic Research Unit, compiled the following tables and may be contacted at (916) 322-2263.

TABLE P-1

TOTAL TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	63.89	30
1971-72	71.61	27
1972-73	71.73	30
1973-74	70.08	30
1974-75	75.84	22
1975-76	77.23	21
1976-77	81.80	16
1977-78	86.70	13
1978-79	82.17	16
1979-80	84.94	8
1980-81	79.00	13
1981-82	75.63	17
1982-83	71.64	20
1983-84	76.76	22
1984-85	78.00	20
1985-86	72.90	25
1986-87	78.47	17
1987-88	73.18	25
1988-89	77.62	18

a/ Rankings are from high (1) to low.

TABLE P-2

TOTAL TAX REVENUE OF STATE AND LOCAL GOVERNMENT, CALIFORNIA, PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	137.33	8
1971-72	149.42	4
1972-73	149.09	5
1973-74	140.10	7
1974-75	145.91	3
1975-76	148.92	4
1976-77	154.93	3
1977-78	157.99	4
1978-79	120.63	24
1979-80	121.68	14
1980-81	114.92	17
1981-82	112.59	18
1982-83	108.32	23
1983-84	115.39	22
1984-85	116.82	17
1985-86	109.98	24
1986-87	116.80	16
1987-88	111.91	24
1988-89	114.25	21

a/ Rankings are from high (1) to low.

TABLE P-3

INDIVIDUAL INCOME TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	14.26	18
1971-72	19.53	16
1972-73	18.48	20
1973-74	15.85	23
1974-75	19.48	18
1975-76	21.23	17
1976-77	23.53	17
1977-78	26.74	11
1978-79	23.91	17
1979-80	28.35	11
1980-81	25.39	12
1981-82	25.89	11
1982-83	24.62	17
1983-84	27.68	11
1984-85	28.99	9
1985-86	26.84	10
1986-87	30.42	9
1987-88	26.09	16
1988-89	29.79	10

a/ Rankings are from high (1) to low.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-4

GENERAL SALES TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	20.25	28
1971-72	21.31	25
1972-73	21.44	24
1973-74	23.48	20
1974-75	26.81	13
1975-76	26.86	15
1976-77	28.03	15
1977-78	28.79	14
1978-79	28.44	14
1979-80	29.36	16
1980-81	27.98	12
1981-82	26.76	14
1982-83	25.00	17
1983-84	26.33	17
1984-85	26.09	17
1985-86	24.57	18
1986-87	23.97	20
1987-88	23.36	25
1988-89	23.98	23

a/ Rankings are from high (1) to low.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-5

TOTAL CALIFORNIA STATE TAXES PER CAPITA a/

Fiscal Year	Amount	National Rank	1984 $ b/
1970-71	280.64	16	735.24
1971-72	329.31	11	836.87
1972-73	355.49	13	868.53
1973-74	381.29	13	863.04
1974-75	451.48	8	917.46
1975-76	500.05	8	940.65
1976-77	574.95	7	1,017.43
1977-78	673.62	6	1,107.02
1978-79	720.54	6	1,084.01
1979-80	818.23	5	1,070.56
1980-81	866.37	6	1,016.75
1981-82	921.86	8	976.75
1982-83	884.24	10	915.84
1983-84	999.83	10	999.83
1984-85	1,098.14	9	1,046.55
1985-86	1,144.45	11	1,048.32
1986-87	1,293.81	8	1,147.81
1987-88	1,274.11	9	1,084.72
1988-89	1,418.08	8	1,151.23

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal year average.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-6

TOTAL STATE AND LOCAL TAXES PER CAPITA, CALIFORNIA a/

Fiscal Year	Amount	National Rank	1984 $ b/
1970-71	603.22	3	1,580.35
1971-72	687.11	2	1,746.15
1972-73	738.84	2	1,805.13
1973-74	762.25	4	1,725.33
1974-75	868.62	2	1,765.13
1975-76	964.20	3	1,813.77
1976-77	1,088.92	3	1,926.95
1977-78	1,227.47	3	2,017.21
1978-79	1,057.87	9	1,591.50
1979-80	1,172.23	6	1,533.73
1980-81	1,260.30	6	1,479.05
1981-82	1,372.38	5	1,454.10
1982-83	1,336.90	12	1,384.67
1983-84	1,503.07	11	1,503.07
1984-85	1,644.80	9	1,567.52
1985-86	1,726.57	10	1,581.54
1986-87	1,925.77	8	1,708.45
1987-88	1,948.47	10	1,658.84
1988-89	2,087.38	9	1,694.58

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal average.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-7

INDIVIDUAL INCOME TAX REVENUE OF CALIFORNIA STATE GOVERNMENT PER CAPITA a/

Fiscal Year	Amount	National Rank	1984 $ b/
1970-71	62.63	15	164.08
1971-72	89.82	12	228.26
1972-73	91.57	14	223.72
1973-74	86.24	20	195.20
1974-75	115.96	13	235.64
1975-76	137.44	10	258.54
1976-77	165.37	10	292.64
1977-78	207.79	10	341.48
1978-79	209.66	11	315.42
1979-80	273.09	8	357.31
1980-81	278.41	9	326.73
1981-82	315.52	8	334.31
1982-83	303.85	9	314.71
1983-84	360.57	10	360.57
1984-85	408.20	7	389.02
1985-86	421.34	9	385.95
1986-87	501.54	6	444.94
1987-88	454.34	11	386.80
1988-89	544.18	8	441.78

a/ Rankings are from high (1) to low.
b/ Based on California CPI, fiscal year average.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-8

PROPERTY TAX REVENUE, CALIFORNIA STATE AND LOCAL GOVERNMENT PER $1,000 PERSONAL INCOME a/

Fiscal Year	Amount	National Rank
1970-71	67.45	3
1971-72	71.09	4
1972-73	70.21	2
1973-74	62.84	6
1974-75	62.71	5
1975-76	64.13	6
1976-77	65.14	4
1977-78	63.57	5
1978-79	30.37	35
1979-80	28.41	33
1980-81	27.84	35
1981-82	28.86	31
1982-83	28.10	34
1983-84	29.58	30
1984-85	29.86	29
1985-86	28.72	31
1986-87	30.04	29
1987-88	31.20	29
1988-89	29.74	32

a/ Rankings are from high (1) to low.

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-9

TOTAL TAX REVENUE OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1977-78

Rank	State	Amount	Percent of U.S. average
1	Alaska	130.71	174.5
2	Hawaii	111.42	148.8
3	New Mexico	109.19	145.8
4	Delaware	100.46	134.1
5	Minnesota	97.38	130.0
6	Wisconsin	96.40	128.7
7	Wyoming	94.20	125.8
8	Mississippi	91.03	121.5
9	Kentucky	89.59	119.6
10	Washington	88.91	118.7
11	West Virginia	88.13	117.7
12	Arizona	87.49	116.8
13	CALIFORNIA	86.70	115.8
14	Louisiana	85.40	114.0
15	Maine	84.78	113.2
16	South Carolina	84.30	112.6
17	Vermont	83.10	111.0
18	Idaho	82.06	109.6
19	New York	80.94	108.1
20	Utah	80.69	107.7
21	North Carolina	79.55	106.2
22	Massachusetts	78.66	105.0
23	Michigan	78.28	104.5
24	Arkansas	77.98	104.1
25	Nevada	77.21	103.1
26	Maryland	76.75	102.5
27	Alabama	76.59	102.3
28	North Dakota	76.56	102.2
29	Pennsylvania	75.83	101.2
	UNITED STATES	74.90	100.0
30	Oklahoma	73.78	98.5
31	Montana	72.57	96.9
32	Rhode Island	72.37	96.6
33	Georgia	71.93	96.0
34	Iowa	70.81	94.5
35	Oregon	69.60	92.9
36	Tennessee	68.52	91.5
37	Florida	66.63	89.0
38	Indiana	66.54	88.8
39	Virginia	66.27	88.5
40	Illinois	66.11	88.3
41	Nebraska	64.84	86.6
42	Colorado	64.64	86.3
43	Kansas	63.34	84.6
44	Connecticut	61.88	82.6
45	Texas	61.76	82.5
46	New Jersey	58.71	78.4
47	Missouri	55.86	74.6
48	Ohio	54.54	72.8
49	South Dakota	54.48	72.7
50	New Hampshire	43.34	57.9

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-10

TOTAL TAX REVENUE OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	140.89	200.4
2	Hawaii	120.50	171.4
3	New Mexico	100.48	142.9
4	Delaware	96.94	137.9
5	Wyoming	89.22	126.9
6	Minnesota	89.10	126.7
7	Maine	87.36	124.2
8	West Virginia	86.88	123.6
9	Washington	85.04	121.0
10	Wisconsin	85.03	120.9
11	Kentucky	84.50	120.2
12	South Carolina	82.85	117.8
13	Idaho	79.61	113.2
14	North Carolina	79.39	112.9
15	Mississippi	79.38	112.9
16	Arizona	77.74	110.6
17	North Dakota	77.67	110.5
18	CALIFORNIA	77.62	110.4
19	New York	76.87	109.3
20	Oklahoma	76.69	109.1
21	Iowa	76.01	108.1
22	Vermont	74.38	105.8
23	Arkansas	74.24	105.6
24	Massachusetts	74.00	105.2
25	Louisiana	73.26	104.2
26	Michigan	72.74	103.5
27	Nevada	72.58	103.2
28	Indiana	71.18	101.2
29	Montana	70.32	100.0
	UNITED STATES	70.31	100.0
30	Alabama	69.47	98.8
31	Rhode Island	69.12	98.3
32	Utah	68.91	98.0
33	Maryland	68.79	97.8
34	Georgia	65.58	93.3
35	Pennsylvania	64.82	92.2
36	Connecticut	64.50	91.7
37	Ohio	64.13	91.2
38	Kansas	63.49	90.3
39	Oregon	62.80	89.3
40	Virginia	62.28	88.6
41	New Jersey	61.84	88.0
42	Nebraska	61.26	87.1
43	Florida	60.82	86.5
44	Tennessee	59.88	85.2
45	Missouri	58.98	83.9
46	Illinois	57.62	82.0
47	Texas	56.89	80.9
48	Colorado	53.43	76.0
49	South Dakota	51.49	73.2
50	New Hampshire	29.08	41.4

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-11

STATE AND LOCAL GENERAL REVENUE FROM OWN SOURCES PER $1,000 OF PERSONAL INCOME FISCAL YEARS 1978, 1988, 1989

State	1977-78	1987-88	1988-89	Percent of U.S. average 1988-89	Rank 1977-78	Rank 1987-88	Rank 1988-89
Alaska	275.14	572.29	503.22	309.0	1	1	1
Wyoming	220.73	287.95	287.04	176.3	2	2	2
New Mexico	196.50	219.29	221.78	136.2	4	3	3
District of Columbia	158.59	204.62	207.40	127.4	x	x	x
New York	207.93	207.91	203.34	124.9	3	4	4
Hawaii	176.56	190.04	195.42	120.0	14	6	5
Minnesota	186.66	192.90	195.06	119.8	6	5	6
North Dakota	182.92	175.10	193.04	118.5	8	13	7
Louisiana	171.37	185.02	189.15	116.1	18	9	8
Delaware	165.82	182.42	186.60	114.6	23	10	9
Oregon	178.20	178.75	184.69	113.4	12	12	10
Montana	184.02	188.44	184.63	113.4	7	7	11
Utah	171.79	188.32	183.24	112.5	17	8	12
Wisconsin	178.23	173.06	176.99	108.7	11	14	13
Arizona	178.58	171.16	176.93	108.6	10	16	14
Iowa	154.15	167.96	173.82	106.7	30	19	15
Nebraska	166.24	163.56	173.35	106.4	22	22	16
Maine	164.43	172.36	173.02	106.2	24	15	17
Vermont	182.90	180.12	171.55	105.3	9	11	18
Washington	171.90	162.38	169.91	104.3	16	24	19
Mississippi	167.39	168.08	169.75	104.2	20	18	20
Michigan	163.19	170.52	166.73	102.4	25	17	21
South Carolina	151.43	164.18	165.68	101.7	31	21	22
CALIFORNIA	191.95	160.96	165.22	101.5	5	25	23
West Virginia	143.91	158.00	163.34	100.3	40	29	24
UNITED STATES	162.26	161.76	162.85	100.0			
Oklahoma	147.30	165.06	162.44	99.7	36	20	25
Colorado	168.60	163.33	162.11	99.5	19	23	26
Kentucky	145.79	152.33	162.03	99.5	37	36	27
Idaho	162.33	152.53	161.05	98.9	26	35	28
Nevada	177.55	156.50	161.01	98.9	13	32	29
Texas	141.88	156.87	158.15	97.1	42	31	30
Georgia	155.24	158.90	157.71	96.8	29	28	31
Kansas	151.14	158.92	157.30	96.6	32	27	32
Indiana	134.43	146.66	156.72	96.2	47	40	33
Florida	145.62	150.86	156.68	96.2	38	38	34
South Dakota	159.44	157.67	156.02	95.8	27	30	35
Alabama	147.94	154.69	153.70	94.4	34	33	36
Rhode Island	156.09	160.38	153.00	94.0	28	26	37
North Carolina	138.74	152.07	152.08	93.4	44	37	38
Maryland	167.05	153.73	151.18	92.8	21	34	39
Ohio	130.78	148.94	150.77	92.6	49	39	40
New Jersey	149.85	144.99	145.42	89.3	33	43	41
Virginia	141.88	139.71	145.19	89.2	43	46	42
Pennsylvania	147.49	145.74	144.75	88.9	35	41	43
Massachusetts	175.61	145.21	143.39	88.1	15	42	44
Tennessee	145.24	142.80	141.99	87.2	39	44	45
Illinois	141.90	140.75	138.88	85.3	41	45	46
Arkansas	136.80	137.26	138.83	85.3	46	47	47
Connecticut	138.57	135.93	137.04	84.2	45	48	48
Missouri	125.36	128.44	130.16	79.9	50	49	49
New Hampshire	133.39	119.23	117.46	72.1	48	50	50

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-12

TOTAL TAX REVENUE, STATE AND LOCAL GOVERNMENT, PER $1,000 PERSONAL INCOME, FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	206.56	178.6
x	District of Columbia	170.01	147.0
2	New York	158.43	137.0
3	Wyoming	146.80	127.0
4	Hawaii	146.04	126.3
5	Maine	131.01	113.3
5	Minnesota	131.01	113.3
7	Wisconsin	130.18	112.6
8	New Mexico	126.11	109.1
9	Arizona	125.28	108.3
10	Oregon	123.69	107.0
11	Vermont	123.15	106.5
12	Montana	121.41	105.0
13	Michigan	120.73	104.4
14	Iowa	120.00	103.8
15	Utah	119.48	103.3
16	Washington	118.76	102.7
17	Delaware	116.11	100.4
	UNITED STATES	115.63	100.0
18	Maryland	115.17	99.6
19	Louisiana	114.80	99.3
20	Nebraska	114.45	99.0
21	CALIFORNIA	114.25	98.8
22	North Dakota	113.65	98.3
23	Rhode Island	113.13	97.8
24	South Carolina	112.84	97.6
25	West Virginia	111.72	96.6
26	Idaho	111.49	96.4
27	North Carolina	111.30	96.3
28	Massachusetts	110.92	95.9
29	New Jersey	110.81	95.8
30	Oklahoma	110.01	95.1
31	Kansas	109.76	94.9
32	Ohio	109.50	94.7
33	Colorado	109.28	94.5
34	Connecticut	108.79	94.1
35	Georgia	108.39	93.7
36	Kentucky	108.29	93.7
37	Texas	108.14	93.5
38	Nevada	107.86	93.3
39	Pennsylvania	107.16	92.7
40	Indiana	106.89	92.4
41	Illinois	106.78	92.3
42	Mississippi	106.59	92.2
43	Virginia	105.57	91.3
44	South Dakota	104.05	90.0
45	Florida	101.24	87.6
46	Arkansas	97.95	84.7
47	Alabama	96.76	83.7
48	Tennessee	95.55	82.6
49	Missouri	94.82	82.0
50	New Hampshire	84.55	73.1

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-13

TOTAL STATE AND LOCAL TAXES PER CAPITA, FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	3,921.92	207.7
x	District of Columbia	3,713.77	196.7
2	New York	3,051.67	161.6
3	Connecticut	2,504.07	132.6
4	New Jersey	2,432.34	128.8
5	Hawaii	2,416.32	128.0
6	Massachusetts	2,299.65	121.8
7	Maryland	2,209.90	117.1
8	Minnesota	2,161.19	114.5
9	CALIFORNIA	2,087.38	110.6
10	Wyoming	2,015.91	106.8
11	Wisconsin	2,015.81	106.8
12	Delaware	2,011.52	106.5
13	Michigan	1,991.13	105.5
14	Maine	1,951.86	103.4
15	Washington	1,909.73	101.2
16	Rhode Island	1,900.91	100.7
	UNITED STATES	1,887.89	100.0
17	Illinois	1,869.49	99.0
18	Vermont	1,852.75	98.1
19	Virginia	1,840.52	97.5
20	Arizona	1,840.13	97.5
21	Oregon	1,806.20	95.7
22	Nevada	1,792.21	94.9
23	Colorado	1,790.65	94.8
24	Iowa	1,755.67	93.0
25	Pennsylvania	1,733.99	91.8
26	Kansas	1,717.40	91.0
27	Ohio	1,692.98	89.7
28	Nebraska	1,681.54	89.1
29	Florida	1,636.24	86.7
30	Georgia	1,629.94	86.3
31	New Hampshire	1,610.71	85.3
32	Indiana	1,584.77	83.9
33	North Carolina	1,572.16	83.3
34	Texas	1,563.40	82.8
35	Montana	1,559.40	82.6
36	New Mexico	1,552.73	82.2
37	North Dakota	1,473.96	78.1
38	Oklahoma	1,473.82	78.1
39	Missouri	1,460.12	77.3
40	Utah	1,442.17	76.4
41	South Carolina	1,441.17	76.3
42	Louisiana	1,419.35	75.2
43	Idaho	1,396.21	74.0
44	Kentucky	1,388.37	73.5
45	West Virginia	1,324.68	70.2
46	South Dakota	1,323.57	70.1
47	Tennessee	1,313.57	69.6
48	Alabama	1,238.81	65.6
49	Arkansas	1,191.28	63.1
50	Mississippi	1,184.31	62.7

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-14

PROPERTY TAX REVENUE OF STATE AND LOCAL GOVERNMENT PER $1,000 PERSONAL INCOME, FISCAL YEAR 1977-78

Rank	State	Amount	Percent of U.S. average
1	Alaska	75.52	172.7
2	Massachusetts	71.82	164.2
3	Montana	66.21	151.4
4	Wyoming	64.26	146.9
5	CALIFORNIA	63.57	145.3
6	New York	61.92	141.6
7	New Hampshire	61.81	141.3
8	Vermont	61.15	139.8
9	New Jersey	59.64	136.4
10	South Dakota	54.18	123.9
11	Connecticut	53.94	123.3
12	Arizona	53.65	122.7
13	Rhode Island	53.27	121.8
14	Oregon	53.19	121.6
15	Nebraska	52.16	119.2
16	Maine	50.80	116.1
17	Wisconsin	47.59	108.8
18	Kansas	47.32	108.2
19	Michigan	45.99	105.1
20	Colorado	44.88	102.6
21	Iowa	44.37	101.4
	UNITED STATES	43.74	100.0
22	Minnesota	42.55	97.3
23	Illinois	41.88	95.8
24	Nevada	41.09	93.9
25	Washington	39.26	89.8
26	North Dakota	38.67	88.4
27	Texas	37.68	86.2
28	Maryland	37.15	84.9
29	Idaho	36.77	84.1
30	Utah	35.77	81.8
31	Indiana	35.65	81.5
32	Ohio	34.99	80.0
33	Florida	34.71	79.4
34	Georgia	32.45	74.2
x	District of Columbia	31.85	73.8
35	Virginia	30.99	70.8
36	Missouri	29.68	67.9
37	Tennessee	25.72	58.8
38	Mississippi	25.60	58.5
39	North Carolina	25.52	58.3
40	South Carolina	25.10	57.4
41	Hawaii	22.95	52.5
42	Arkansas	21.68	49.6
43	Pennsylvania	21.66	49.5
44	Oklahoma	21.63	49.4
45	New Mexico	21.39	48.9
46	Kentucky	20.51	46.9
47	West Virginia	20.09	45.9
48	Delaware	18.99	43.4
49	Louisiana	16.69	38.2
50	Alabama	12.42	28.4

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-15

PROPERTY TAX REVENUE OF STATE AND LOCAL GOVERNMENT PER $1,000 PERSONAL INCOME, FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	66.21	188.3
2	Wyoming	63.38	180.2
3	New Hampshire	55.51	157.8
4	Oregon	54.41	154.7
x	District of Columbia	53.87	153.2
5	Montana	52.88	150.4
6	Vermont	48.48	137.8
7	New York	48.26	137.2
8	New Jersey	48.10	136.8
9	Nebraska	47.49	135.0
10	Michigan	46.33	131.7
11	Wisconsin	45.85	130.4
12	Maine	44.71	127.1
13	Rhode Island	43.84	124.7
14	Connecticut	43.58	123.9
15	South Dakota	42.76	121.6
16	Iowa	42.66	121.3
17	Texas	42.38	120.5
18	Arizona	40.85	116.2
19	Minnesota	39.94	113.6
20	Kansas	39.42	112.1
21	Colorado	38.76	110.2
22	Illinois	37.54	106.7
23	Massachusetts	35.85	101.9
	UNITED STATES	35.17	100.0
24	Utah	34.77	98.9
25	North Dakota	33.99	96.6
26	Florida	33.96	96.6
27	Washington	33.72	95.9
28	Indiana	32.39	92.1
29	Virginia	31.04	88.3
30	Idaho	30.80	87.6
30	Ohio	30.80	87.6
32	CALIFORNIA	29.74	84.6
33	Georgia	29.50	83.9
34	Pennsylvania	28.89	82.1
35	Maryland	28.47	80.9
36	South Carolina	27.63	78.6
37	Mississippi	26.23	74.6
38	Nevada	23.24	66.1
39	North Carolina	22.76	64.7
40	Tennessee	21.56	61.3
41	Missouri	20.65	58.7
42	Hawaii	20.25	57.6
43	West Virginia	20.01	56.9
44	Oklahoma	19.96	56.8
45	Louisiana	19.53	55.5
46	Kentucky	17.80	50.6
47	Arkansas	17.31	49.2
48	Delaware	15.95	45.4
49	New Mexico	14.58	41.5
50	Alabama	11.56	32.9

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-16

INDIVIDUAL INCOME TAX REVENUE OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Oregon	41.90	190.9
2	Hawaii	41.74	190.2
3	New York	40.04	182.4
4	Delaware	36.66	167.0
5	Massachusetts	34.97	159.3
6	Minnesota	34.77	158.4
7	Wisconsin	34.18	155.7
8	North Carolina	32.65	148.7
9	Maine	31.38	143.0
10	CALIFORNIA	29.79	135.7
11	Maryland	29.48	134.3
12	Virginia	29.22	133.1
13	Georgia	28.23	128.6
14	Iowa	28.22	128.6
15	South Carolina	27.82	126.7
16	Idaho	27.30	124.4
17	Montana	25.65	116.9
18	Rhode Island	25.13	114.5
19	Vermont	25.01	113.9
20	Michigan	24.78	112.9
21	Indiana	23.45	106.8
22	Colorado	23.42	106.7
23	Arkansas	23.30	106.2
24	Kentucky	23.27	106.0
25	Ohio	22.59	102.9
	UNITED STATES	21.95	100.0
26	Oklahoma	21.59	98.4
27	Kansas	21.47	97.8
28	Missouri	21.25	96.8
29	West Virginia	21.23	96.7
30	Alabama	20.17	91.9
31	Utah	20.12	91.7
32	Nebraska	20.03	91.3
33	New Mexico	18.56	84.6
34	Arizona	17.49	79.7
35	Illinois	17.20	78.4
36	New Jersey	17.06	77.7
37	Pennsylvania	15.70	71.5
38	Mississippi	13.78	62.8
39	Louisiana	12.49	56.9
40	North Dakota	12.33	56.2
41	Connecticut	6.05	27.6
42	New Hampshire	1.72	7.8
43	Tennessee	1.41	6.4
44	Alaska	0.03	0.1
--	Florida	--	--
--	Nevada	--	--
--	South Dakota	--	--
--	Texas	--	--
--	Washington	--	--
--	Wyoming	--	--

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-17

GENERAL SALES TAX OF STATE GOVERNMENT PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Hawaii	55.71	241.0
2	Washington	51.13	221.2
3	New Mexico	42.55	184.0
4	Nevada	37.86	163.8
5	Florida	37.30	161.3
6	Mississippi	35.74	154.6
7	Arizona	35.26	152.5
8	Tennessee	32.94	142.5
9	Indiana	31.12	134.6
10	South Carolina	30.08	130.1
11	Utah	28.74	124.3
12	Maine	28.40	122.8
13	Texas	28.28	122.3
14	Connecticut	27.73	119.9
15	Idaho	27.30	118.1
16	Arkansas	27.25	117.9
17	West Virginia	26.28	113.7
18	North Dakota	25.87	111.9
19	South Dakota	25.68	111.1
20	Wisconsin	25.05	108.3
21	Minnesota	24.73	107.0
22	Louisiana	24.11	104.3
23	CALIFORNIA	23.98	103.7
24	Rhode Island	23.52	101.7
25	Wyoming	23.38	101.1
	UNITED STATES	23.12	100.0
26	Iowa	22.42	97.0
27	Missouri	22.23	96.2
28	Kentucky	21.87	94.6
29	Pennsylvania	20.97	90.7
30	Georgia	20.94	90.6
31	Nebraska	20.74	89.7
32	Kansas	20.50	88.7
33	Michigan	20.45	88.5
34	Ohio	20.31	87.8
35	Illinois	19.11	82.7
36	Alabama	18.63	80.6
37	New Jersey	18.59	80.4
38	North Carolina	18.33	79.3
39	Oklahoma	18.01	77.9
40	Massachusetts	17.00	73.5
41	Maryland	16.73	72.4
42	New York	16.63	71.9
43	Vermont	15.58	67.4
44	Colorado	13.82	59.8
45	Virginia	12.13	52.5
--	Alaska	--	--
--	Delaware	--	--
--	Montana	--	--
--	New Hampshire	--	--
--	Oregon	--	--

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-18

STATE AND LOCAL GENERAL SALES TAX PER $1,000 OF PERSONAL INCOME FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Washington	57.87	208.3
2	Hawaii	55.71	200.5
3	New Mexico	51.05	183.8
4	Louisiana	43.00	154.8
5	Tennessee	43.00	154.8
6	Arizona	42.80	154.1
7	Nevada	38.25	137.7
8	Florida	37.36	134.5
9	Mississippi	35.75	128.7
10	Utah	35.17	126.6
11	Texas	33.90	122.0
12	South Dakota	33.30	119.9
x	District of Columbia	32.50	117.0
13	Arkansas	31.50	113.4
14	Indiana	31.12	112.0
15	New York	30.52	109.8
16	South Carolina	30.08	108.3
17	Missouri	29.89	107.6
18	Oklahoma	29.49	106.2
19	Georgia	29.18	105.1
20	Alabama	29.06	104.6
21	CALIFORNIA	28.76	103.5
22	Wyoming	28.50	102.6
23	Maine	28.40	102.2
24	Colorado	28.00	100.8
	UNITED STATES	27.78	100.0
25	Connecticut	27.73	99.8
26	Idaho	27.30	98.3
27	North Carolina	27.20	97.9
28	North Dakota	26.98	97.1
29	Illinois	26.33	94.8
30	West Virginia	26.28	94.6
31	Kansas	25.51	91.8
32	Wisconsin	25.29	91.0
33	Minnesota	24.93	89.7
34	Nebraska	24.31	87.5
35	Rhode Island	23.52	84.7
36	Ohio	23.30	83.9
37	Iowa	22.80	82.1
38	Kentucky	21.87	78.7
39	Pennsylvania	20.97	75.5
40	Michigan	20.45	73.6
41	New Jersey	18.59	66.9
42	Massachusetts	17.00	61.2
43	Maryland	16.73	60.2
44	Virginia	16.32	58.7
45	Vermont	15.58	56.1
46	Alaska	6.81	24.5
--	Delaware	--	--
--	Montana	--	--
--	New Hampshire	--	--
--	Oregon	--	--

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-19

STATE AND LOCAL GENERAL SALES TAX PER CAPITA, FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Washington	930.65	205.2
2	Hawaii	921.74	203.2
x	District of Columbia	709.87	156.5
3	Connecticut	638.37	140.7
4	Nevada	635.56	140.1
5	Arizona	628.74	138.6
6	New Mexico	628.62	138.6
7	Florida	603.80	133.1
8	Tennessee	591.12	130.3
9	New York	587.80	129.6
10	Louisiana	531.71	117.2
11	CALIFORNIA	525.50	115.9
12	Texas	490.09	108.0
13	Indiana	461.41	101.7
14	Illinois	461.03	101.6
15	Missouri	460.19	101.5
16	Colorado	458.78	101.1
	UNITED STATES	453.59	100.0
17	Georgia	438.85	96.8
18	Utah	424.53	93.6
19	South Dakota	423.55	93.4
20	Maine	423.13	93.3
21	Minnesota	411.27	90.7
22	New Jersey	407.96	89.9
23	Kansas	399.19	88.0
24	Mississippi	397.26	87.6
25	Rhode Island	395.24	87.1
26	Oklahoma	395.10	87.1
27	Wisconsin	391.57	86.3
28	Wyoming	391.42	86.3
29	North Carolina	384.25	84.7
30	South Carolina	384.20	84.7
31	Arkansas	383.12	84.5
32	Alabama	372.00	82.0
33	Ohio	360.19	79.4
34	Nebraska	357.15	78.7
35	Massachusetts	352.43	77.7
36	North Dakota	349.86	77.1
37	Idaho	341.85	75.4
38	Pennsylvania	339.36	74.8
39	Michigan	337.29	74.4
40	Iowa	333.51	73.5
41	Maryland	321.06	70.8
42	West Virginia	311.58	68.7
43	Virginia	284.44	62.7
44	Kentucky	280.44	61.8
45	Vermont	234.46	51.7
46	Alaska	129.28	28.5
--	Delaware	--	--
--	Montana	--	--
--	New Hampshire	--	--
--	Oregon	--	--

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-20

TOTAL STATE TAXES PER CAPITA FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	2,674.95	233.2
2	Hawaii	1,993.74	173.8
3	Delaware	1,679.34	146.4
4	Massachusetts	1,534.13	133.7
5	Connecticut	1,484.55	129.4
6	New York	1,480.57	129.1
7	Minnesota	1,469.79	128.1
8	CALIFORNIA	1,418.08	123.6
9	Washington	1,367.49	119.2
10	New Jersey	1,357.47	118.3
11	Maryland	1,319.98	115.1
12	Wisconsin	1,316.56	114.8
13	Maine	1,301.49	113.5
14	New Mexico	1,237.19	107.9
15	Wyoming	1,225.20	106.8
16	Nevada	1,206.01	105.1
17	Michigan	1,199.62	104.6
18	Rhode Island	1,161.44	101.3
	UNITED STATES	1,147.02	100.0
19	Arizona	1,141.90	99.6
20	North Carolina	1,121.50	97.8
21	Vermont	1,118.98	97.6
22	Iowa	1,112.04	97.0
23	Virginia	1,085.77	94.7
24	Kentucky	1,083.43	94.5
25	South Carolina	1,058.20	92.3
26	Indiana	1,055.35	92.0
27	Pennsylvania	1,048.90	91.4
28	West Virginia	1,030.08	89.8
29	Oklahoma	1,027.41	89.6
30	Illinois	1,008.80	87.9
31	North Dakota	1,007.29	87.8
32	Idaho	996.96	86.9
33	Kansas	993.37	86.6
34	Ohio	991.51	86.4
35	Georgia	986.20	86.0
36	Florida	983.00	85.7
37	Oregon	917.11	80.0
38	Missouri	908.19	79.2
39	Louisiana	905.79	79.0
40	Montana	903.19	78.7
41	Arkansas	902.94	78.7
42	Nebraska	900.06	78.5
43	Alabama	889.40	77.5
44	Mississippi	882.03	76.9
45	Colorado	875.44	76.3
46	Utah	831.82	72.5
47	Tennessee	823.17	71.8
48	Texas	822.46	71.7
49	South Dakota	654.94	57.1
50	New Hampshire	553.96	48.3

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-21

TOTAL STATE EXPENDITURES PER CAPITA, FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	8,439.65	398.0
2	Wyoming	3,297.16	155.5
3	New York	3,012.41	142.1
4	Massachusetts	2,929.09	138.1
5	Delaware	2,866.65	135.2
6	Hawaii	2,862.96	135.0
7	Connecticut	2,770.00	130.6
8	Rhode Island	2,749.13	129.7
9	New Jersey	2,690.23	126.9
10	North Dakota	2,613.04	123.2
11	New Mexico	2,593.08	122.3
12	Vermont	2,528.59	119.3
13	CALIFORNIA	2,497.44	117.8
14	Washington	2,447.05	115.4
15	Minnesota	2,431.50	114.7
16	Montana	2,331.94	110.0
17	Maine	2,321.34	109.5
18	Nevada	2,278.91	107.5
19	Michigan	2,251.84	106.2
20	Wisconsin	2,160.18	101.9
21	Maryland	2,155.24	101.6
	UNITED STATES	2,120.37	100.0
22	Ohio	2,106.45	99.3
23	Iowa	2,074.69	97.8
24	Utah	2,058.27	97.1
25	West Virginia	2,056.93	97.0
26	Oregon	2,016.37	95.1
27	Arizona	2,012.74	94.9
28	Louisiana	1,993.07	94.0
29	Kentucky	1,985.75	93.7
30	South Carolina	1,981.26	93.4
31	Oklahoma	1,926.87	90.9
32	Virginia	1,922.55	90.7
33	Pennsylvania	1,909.22	90.0
34	North Carolina	1,881.94	88.8
35	Idaho	1,832.44	86.4
36	Alabama	1,797.23	84.8
37	Colorado	1,772.14	83.6
38	South Dakota	1,752.01	82.6
39	Illinois	1,745.22	82.3
40	Indiana	1,728.61	81.5
41	Mississippi	1,727.75	81.5
42	Georgia	1,683.55	79.4
43	Kansas	1,673.73	78.9
44	New Hampshire	1,672.02	78.9
45	Arkansas	1,596.15	75.3
46	Nebraska	1,588.24	74.9
47	Florida	1,576.62	74.4
48	Tennessee	1,567.17	73.9
49	Missouri	1,499.81	70.7
50	Texas	1,425.83	67.2

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-22

TOTAL STATE AND LOCAL EXPENDITURES PER CAPITA FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	11,073.20	308.6
x	District of Columbia	8,291.12	231.0
2	New York	5,473.43	152.5
3	Wyoming	4,874.35	135.8
4	Massachusetts	4,356.68	121.4
5	Connecticut	4,199.86	117.0
6	Minnesota	4,170.55	116.2
7	Washington	4,104.29	114.4
8	CALIFORNIA	4,090.32	114.0
9	New Jersey	4,071.54	113.5
10	Delaware	3,889.52	108.4
11	Arizona	3,847.68	107.2
12	Nebraska	3,813.25	106.3
13	Hawaii	3,729.82	103.9
14	Rhode Island	3,706.56	103.3
15	Michigan	3,660.99	102.0
16	Nevada	3,648.01	101.7
17	Oregon	3,644.20	101.6
	UNITED STATES	3,588.53	100.0
18	Colorado	3,573.01	99.6
19	Vermont	3,545.15	98.8
20	Utah	3,539.93	98.6
21	Maryland	3,513.60	97.9
22	North Dakota	3,502.94	97.6
23	Wisconsin	3,444.63	96.0
24	New Mexico	3,366.47	93.8
25	Montana	3,328.62	92.8
26	Maine	3,300.05	92.0
27	Ohio	3,262.14	90.9
28	Georgia	3,254.67	90.7
29	Florida	3,251.78	90.6
30	Tennessee	3,247.07	90.5
31	Iowa	3,230.47	90.0
32	Pennsylvania	3,191.82	88.9
33	Virginia	3,187.56	88.8
34	Kansas	3,099.38	86.4
35	Louisiana	3,090.59	86.1
36	Illinois	3,085.85	86.0
37	North Carolina	3,044.87	84.9
38	Texas	3,028.74	84.4
39	New Hampshire	3,006.35	83.8
40	South Carolina	2,978.48	83.0
41	Oklahoma	2,885.09	80.4
42	Alabama	2,860.46	79.7
43	Indiana	2,787.33	77.7
44	South Dakota	2,785.05	77.6
45	Kentucky	2,772.63	77.3
46	West Virginia	2,733.36	76.2
47	Mississippi	2,710.36	75.5
48	Idaho	2,677.70	74.6
49	Missouri	2,580.53	71.9
50	Arkansas	2,282.47	63.6

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-23

STATE AND LOCAL DIRECT EXPENDITURES PER CAPITA FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	9,842.64	321.8
x	District of Columbia	6,061.69	198.2
2	New York	4,607.26	150.6
3	Wyoming	4,382.68	143.3
4	Connecticut	3,825.59	125.1
5	Minnesota	3,707.52	121.2
6	Massachusetts	3,645.68	119.2
7	New Jersey	3,617.50	118.3
8	Delaware	3,551.50	116.1
9	CALIFORNIA	3,357.40	109.8
10	Hawaii	3,334.02	109.0
11	Rhode Island	3,301.19	107.9
12	North Dakota	3,224.51	105.4
13	Arizona	3,212.04	105.0
14	Michigan	3,210.74	105.0
15	Vermont	3,201.28	104.6
16	Oregon	3,151.17	103.0
17	Maryland	3,146.38	102.9
18	Wisconsin	3,130.01	102.3
19	Nevada	3,095.57	101.2
	UNITED STATES	3,059.07	100.0
20	New Mexico	3,040.21	99.4
21	Washington	3,026.63	98.9
22	Maine	3,013.99	98.5
23	Colorado	2,975.23	97.3
24	Iowa	2,925.03	95.6
25	Montana	2,917.70	95.4
26	Virginia	2,915.13	95.3
27	Florida	2,832.59	92.6
28	Nebraska	2,789.19	91.2
29	Georgia	2,784.23	91.0
30	New Hampshire	2,737.41	89.5
31	Kansas	2,736.09	89.4
32	Pennsylvania	2,731.82	89.3
33	Utah	2,713.53	88.7
34	Illinois	2,712.21	88.7
35	Louisiana	2,704.90	88.4
36	Ohio	2,702.14	88.3
37	Texas	2,575.98	84.2
38	North Carolina	2,516.00	82.2
39	Indiana	2,514.32	82.2
40	South Dakota	2,510.68	82.1
41	Oklahoma	2,483.92	81.2
42	South Carolina	2,461.94	80.5
43	Kentucky	2,452.47	80.2
44	Mississippi	2,413.17	78.9
45	Alabama	2,412.24	78.9
46	Tennessee	2,388.92	78.1
47	Idaho	2,388.43	78.1
48	West Virginia	2,333.40	76.3
49	Missouri	2,293.06	75.0
50	Arkansas	2,046.69	66.9

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-24

STATE AND LOCAL DIRECT GENERAL EXPENDITURES FOR EDUCATION PER $1,000 OF PERSONAL INCOME, FISCAL YEAR 1988-89

Rank	State	Amount	Percent of U.S. average
1	Alaska	119.61	183.7
2	Wyoming	114.63	176.1
3	Utah	94.12	144.6
4	New Mexico	92.31	141.8
5	North Dakota	91.69	140.8
6	Vermont	88.11	135.3
7	Montana	83.63	128.4
8	Oregon	83.02	127.5
9	Mississippi	81.76	125.6
10	Iowa	79.01	121.3
11	Wisconsin	78.60	120.7
12	Arizona	78.30	120.3
13	West Virginia	77.06	118.4
14	South Carolina	76.50	117.5
15	Nebraska	76.17	117.0
16	Minnesota	75.78	116.4
17	Delaware	75.33	115.7
18	Michigan	74.17	113.9
19	North Carolina	73.84	113.4
20	Alabama	73.01	112.1
21	Texas	72.72	111.7
22	Maine	72.23	110.9
23	Washington	71.45	109.7
24	Indiana	71.15	109.3
25	Idaho	70.84	108.8
26	Oklahoma	70.59	108.4
27	Arkansas	69.76	107.1
28	Kansas	69.19	106.3
29	South Dakota	69.03	106.0
30	New York	68.81	105.7
31	Louisiana	68.36	105.0
32	Colorado	65.73	101.0
	UNITED STATES	65.11	100.0
33	Kentucky	64.90	99.7
34	Georgia	64.70	99.4
35	Ohio	64.38	98.9
36	Virginia	63.80	98.0
37	Rhode Island	62.61	96.2
38	Pennsylvania	61.92	95.1
39	CALIFORNIA	59.61	91.6
40	Tennessee	59.32	91.1
41	Missouri	58.67	90.1
42	Florida	56.38	86.6
43	Maryland	55.55	85.3
44	New Jersey	54.76	84.1
45	Hawaii	53.71	82.5
46	Nevada	53.53	82.2
47	Illinois	53.01	81.4
48	New Hampshire	53.00	81.4
49	Connecticut	50.89	78.2
x	District of Columbia	48.92	75.1
50	Massachusetts	47.92	73.6

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-25

PER CAPITA DISTRIBUTION OF FEDERAL FUNDS, FISCAL YEAR 1988-89

State	Rank a/ Total	Grants to State and Local Government	Wages and Salaries	Direct Payments for Individuals	Procure-ment	Other
Alaska	1	1	1	50	8	49
New Mexico	2	10	6	33	1	27
Virginia	3	49	3	14	5	16
Maryland	4	32	4	8	7	7
Connecticut	5	12	40	27	2	13
Hawaii	6	27	2	35	22	31
Massachusetts	7	9	35	6	3	12
North Dakota	8	6	8	30	38	1
Missouri	9	41	23	10	4	9
Colorado	10	40	5	43	6	15
Montana	11	4	20	19	47	4
South Dakota	12	7	14	25	46	2
Washington	13	22	10	23	14	22
Maine	14	11	33	11	10	46
Rhode Island	15	5	28	4	28	35
Arizona	16	45	25	15	11	39
Mississippi	17	16	31	16	16	18
CALIFORNIA	18	39	18	40	9	29
Florida	19	50	29	1	25	47
Alabama	20	35	13	9	23	30
Idaho	21	20	30	38	13	19
Utah	22	23	7	49	12	24
Kansas	23	46	15	17	30	8
New York	24	3	42	13	26	28
Nebraska	25	34	22	24	44	5
Pennsylvania	26	13	37	3	35	33
Wyoming	27	2	16	48	40	23
Nevada	28	48	27	34	15	50
Iowa	29	37	49	20	42	3
Oklahoma	30	28	12	18	39	20
South Carolina	31	38	11	41	18	44
Tennessee	32	25	32	31	20	41
New Jersey	33	30	36	12	24	48
Kentucky	34	19	17	26	33	34
Minnesota	35	15	47	44	29	6
Ohio	36	33	44	21	19	40
Louisiana	37	14	34	39	21	25
West Virginia	38	17	46	2	48	45
Arkansas	39	31	41	5	45	10
Texas	40	47	24	46	17	21
Georgia	41	24	9	47	34	38
Delaware	42	29	26	32	36	43
New Hampshire	43	44	19	45	27	42
Vermont	44	8	43	37	32	32
Oregon	45	18	39	7	50	26
Illinois	46	36	38	28	43	14
Wisconsin	47	26	50	29	37	11
North Carolina	48	42	21	42	41	37
Indiana	49	43	45	36	31	17
Michigan	50	21	48	22	49	36

a/ States are ranked from largest per capita amount (1), to smallest (50).
Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-26

SELECTED STATE AND LOCAL GOVERNMENT DEBT MEASURES, 1988-89

State	State Government									
	Long term debt, Full faith and credit				Interest on general debt					
	Per capita		Per $1000 personal income		Per capita		Per $1000 personal income		Percent of direct general expenditures	
	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Percent
UNITED STATES		284.80		17.46		82.20		5.04		6.70
Alabama	20	282.36	17	22.06	41	44.04	39	3.44	42	3.83
Alaska	3	1,571.68	3	82.78	1	1,041.76	1	54.87	1	16.86
Arizona	--	--	--	--	40	45.70	43	3.11	41	3.88
Arkansas	41	11.92	41	0.98	38	52.55	31	4.32	36	5.18
CALIFORNIA	28	152.91	32	8.37	31	64.26	38	3.52	26	5.92
Colorado	39	21.70	39	1.32	34	59.04	35	3.60	27	5.74
Connecticut	4	1,045.73	7	45.43	6	191.35	13	8.31	10	9.54
Delaware	8	690.97	8	39.89	2	307.18	2	17.73	5	14.02
District of Columbia	--	--	--	--	--	--	--	--	--	--
Florida	30	148.85	31	9.21	37	52.72	42	3.26	28	5.59
Georgia	19	313.54	18	20.85	47	33.56	47	2.23	48	3.18
Hawaii	2	1,778.81	2	107.51	11	167.33	8	10.11	22	6.50
Idaho	--	--	--	--	32	59.88	25	4.78	30	5.36
Illinois	17	344.33	19	19.67	24	77.19	30	4.41	20	6.94
Indiana	--	--	--	--	44	41.79	45	2.82	40	3.94
Iowa	--	--	--	--	43	42.63	44	2.91	47	3.37
Kansas	--	--	--	--	50	10.51	50	0.67	50	0.99
Kentucky	38	25.63	38	2.00	20	85.06	19	6.63	23	6.31
Louisiana	6	912.96	4	73.84	4	208.49	3	16.86	2	16.02
Maine	22	265.28	22	17.81	16	110.66	18	7.43	19	7.00
Maryland	13	429.31	16	22.37	21	84.87	29	4.42	25	5.98
Massachusetts	5	1,022.18	5	49.30	7	188.45	11	9.09	9	9.78
Michigan	37	52.58	37	3.19	36	58.31	36	3.54	38	4.28
Minnesota	18	320.67	20	19.44	35	58.44	36	3.54	37	4.48
Mississippi	26	201.64	21	18.15	46	37.88	40	3.41	43	3.82
Missouri	29	152.37	30	9.90	29	68.96	28	4.48	16	7.44
Montana	33	103.46	33	8.06	15	116.76	11	9.09	14	8.02
Nebraska	--	--	--	--	26	72.09	24	4.91	24	6.19
Nevada	9	541.79	9	32.61	19	89.87	23	5.41	13	8.12
New Hampshire	10	464.00	13	24.35	8	180.42	10	9.47	4	14.35
New Jersey	16	358.42	24	16.33	9	178.09	14	8.11	7	11.80
New Mexico	35	84.79	35	6.89	23	78.29	20	6.36	34	5.21
New York	23	264.36	26	13.73	13	147.69	15	7.67	11	9.46
North Carolina	34	98.81	34	6.99	49	29.56	49	2.09	49	2.85
North Dakota	--	--	--	--	17	96.95	17	7.48	33	5.24
Ohio	24	260.31	23	16.84	28	70.06	26	4.53	21	6.56
Oklahoma	40	14.06	40	1.05	39	49.59	33	3.70	39	4.24
Oregon	1	2,072.49	1	141.92	10	173.09	6	11.85	6	13.43
Pennsylvania	15	383.84	14	23.72	33	59.84	33	3.70	31	5.31
Rhode Island	12	433.37	12	25.79	3	235.94	5	14.04	8	11.72
South Carolina	25	201.98	25	15.81	42	42.86	41	3.36	46	3.55
South Dakota	--	--	--	--	5	197.27	4	15.51	3	14.62
Tennessee	32	137.00	29	9.97	45	38.27	46	2.78	44	3.65
Texas	27	166.07	28	11.49	48	31.60	48	2.19	45	3.60
Utah	31	146.83	27	12.16	27	70.70	21	5.86	32	5.28
Vermont	14	413.90	11	27.51	14	147.41	9	9.80	15	7.65
Virginia	36	69.81	36	4.00	30	66.34	32	3.81	35	5.20
Washington	7	737.80	6	45.88	25	72.75	27	4.52	29	5.47
West Virginia	21	279.66	15	23.59	18	89.89	16	7.58	18	7.16
Wisconsin	11	438.36	10	28.31	22	84.31	22	5.44	17	7.29
Wyoming	42	1.49	42	0.11	12	148.88	7	10.84	12	8.36

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-26 (Continued)

SELECTED STATE AND LOCAL GOVERNMENT DEBT MEASURES, 1988-89

State	State Government		State and local government							
	Interest on general debt (Cont.)		Long term debt, total				Long term debt, full-faith and credit			
	Percent of total general expenditures		Per capita		Per $1000 personal income		Per capita		Per $1000 personal income	
	Rank	Percent	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Amount
UNITED STATES		4.34		3,143.71		192.55		902.80		55.29
Alabama	39	2.68	38	2,387.66	26	186.49	23	832.10	17	65.00
Alaska	1	13.39	1	19,884.89	1	1,047.27	1	5,989.18	1	315.41
Arizona	44	2.49	6	4,629.15	6	315.15	13	1,145.43	9	77.98
Arkansas	33	3.55	44	1,923.31	39	158.12	46	282.85	46	23.27
CALIFORNIA	38	2.87	30	2,784.05	41	152.39	40	447.00	44	24.47
Colorado	27	3.85	20	3,470.29	22	211.79	20	996.96	18	60.84
Connecticut	9	7.57	11	3,826.31	37	166.23	4	1,684.33	12	73.18
Delaware	5	11.47	3	5,486.67	5	316.75	14	1,140.77	15	65.87
District of Columbia	--	--	x	6,688.86	x	306.20	x	4,098.95	x	187.66
Florida	34	3.53	15	3,764.51	19	232.92	34	567.86	39	35.13
Georgia	48	2.14	33	2,641.75	30	175.68	30	619.80	32	41.22
Hawaii	11	6.36	21	3,428.26	23	207.19	3	2,403.18	3	145.23
Idaho	30	3.67	50	1,324.44	50	105.76	48	264.24	47	21.11
Illinois	20	4.85	36	2,498.76	42	142.72	19	1,017.78	22	58.13
Indiana	43	2.54	49	1,674.94	49	112.97	47	264.66	48	17.85
Iowa	47	2.19	48	1,749.96	48	119.61	45	352.06	45	24.07
Kansas	50	0.69	31	2,703.61	34	172.79	33	580.04	37	37.08
Kentucky	22	4.65	19	3,496.38	8	272.71	49	211.90	49	16.53
Louisiana	4	11.69	5	4,747.71	3	383.99	5	1,600.27	4	129.42
Maine	15	5.26	34	2,615.93	31	175.60	22	886.44	21	59.49
Maryland	23	4.45	26	3,118.50	38	162.52	9	1,426.48	10	74.34
Massachusetts	10	6.93	13	3,768.91	28	181.79	7	1,478.66	14	71.32
Michigan	37	2.90	43	2,123.51	45	128.75	28	690.65	30	41.87
Minnesota	40	2.61	9	3,989.77	15	241.86	11	1,347.82	8	81.71
Mississippi	46	2.41	47	1,863.25	36	167.70	31	609.98	24	54.91
Missouri	18	4.94	46	1,877.52	47	121.93	41	400.93	43	26.03
Montana	13	5.92	27	3,050.12	17	237.44	39	491.33	36	38.25
Nebraska	21	4.66	16	3,722.87	11	253.40	42	395.39	42	26.91
Nevada	19	4.87	14	3,767.88	20	226.75	6	1,575.74	5	94.85
New Hampshire	2	12.38	22	3,397.04	29	178.33	15	1,139.26	20	59.79
New Jersey	8	7.71	12	3,824.73	32	174.24	18	1,031.87	28	47.01
New Mexico	35	3.24	23	3,268.86	9	265.49	38	508.02	31	41.25
New York	14	5.78	8	4,586.35	16	238.11	10	1,416.09	11	73.52
North Carolina	49	1.68	41	2,231.49	40	157.97	37	516.26	38	36.54
North Dakota	26	4.02	29	2,866.97	21	221.03	36	529.99	33	40.89
Ohio	25	4.15	45	1,902.88	46	123.08	32	599.28	35	38.76
Oklahoma	36	2.99	37	2,480.18	27	185.13	44	377.72	41	28.20
Oregon	6	9.82	18	3,537.55	14	242.25	2	2,633.36	2	180.33
Pennsylvania	31	3.60	24	3,263.09	25	201.66	17	1,054.96	16	65.20
Rhode Island	7	9.67	10	3,950.78	18	235.14	21	920.93	25	54.80
South Carolina	42	2.54	32	2,642.05	24	206.87	29	636.27	26	49.83
South Dakota	3	11.78	25	3,252.45	10	255.63	50	187.23	50	14.73
Tennessee	41	2.60	39	2,311.30	35	168.14	24	784.66	23	57.08
Texas	45	2.43	17	3,552.15	13	245.70	12	1,231.55	7	85.18
Utah	28	3.81	2	5,700.75	2	472.29	27	727.87	19	60.28
Vermont	12	6.18	35	2,613.28	33	173.74	26	735.63	27	48.89
Virginia	29	3.68	40	2,304.03	44	132.15	25	747.36	29	42.86
Washington	32	3.56	7	4,589.88	7	285.42	8	1,469.54	6	91.38
West Virginia	16	5.24	28	3,003.19	12	253.29	43	383.49	40	32.34
Wisconsin	24	4.23	42	2,159.60	43	139.47	16	1,123.94	13	72.58
Wyoming	17	4.97	4	4,913.36	4	357.81	35	533.38	34	38.79

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-27

TOTAL AREA, 1980

Rank	State	Square miles
	UNITED STATES	3,618,770
1	Alaska	591,004
2	Texas	266,807
3	CALIFORNIA	158,706
4	Montana	147,046
5	New Mexico	121,593
6	Arizona	114,000
7	Nevada	110,561
8	Colorado	104,091
9	Wyoming	97,809
10	Oregon	97,073
11	Utah	84,899
12	Minnesota	84,402
13	Idaho	83,564
14	Kansas	82,277
15	Nebraska	77,355
16	South Dakota	77,116
17	North Dakota	70,702
18	Oklahoma	69,956
19	Missouri	69,697
20	Washington	68,139
21	Georgia	58,910
22	Florida	58,664
23	Michigan	58,527
24	Illinois	56,345
25	Iowa	56,275
26	Wisconsin	56,153
27	Arkansas	53,187
28	North Carolina	52,669
29	Alabama	51,705
30	New York	49,108
31	Louisiana	47,752
32	Mississippi	47,689
33	Pennsylvania	45,308
34	Tennessee	42,144
35	Ohio	41,330
36	Virginia	40,767
37	Kentucky	40,410
38	Indiana	36,185
39	Maine	33,265
40	South Carolina	31,113
41	West Virginia	24,232
42	Maryland	10,460
43	Vermont	9,614
44	New Hampshire	9,279
45	Massachusetts	8,284
46	New Jersey	7,787
47	Hawaii	6,471
48	Connecticut	5,018
49	Delaware	2,045
50	Rhode Island	1,212
x	District of Columbia	69

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-28

RESIDENT POPULATION, 1990 CENSUS

Rank	State	Thous.
	UNITED STATES	248,710
1	CALIFORNIA	29,760
2	New York	17,990
3	Texas	16,987
4	Florida	12,938
5	Pennsylvania	11,882
6	Illinois	11,431
7	Ohio	10,847
8	Michigan	9,295
9	New Jersey	7,730
10	North Carolina	6,629
11	Georgia	6,478
12	Virginia	6,187
13	Massachusetts	6,016
14	Indiana	5,544
15	Missouri	5,117
16	Wisconsin	4,892
17	Tennessee	4,877
18	Washington	4,867
19	Maryland	4,781
20	Minnesota	4,375
21	Louisiana	4,220
22	Alabama	4,041
23	Kentucky	3,685
24	Arizona	3,665
25	South Carolina	3,487
26	Colorado	3,294
27	Connecticut	3,287
28	Oklahoma	3,146
29	Oregon	2,842
30	Iowa	2,777
31	Mississippi	2,573
32	Kansas	2,478
33	Arkansas	2,351
34	West Virginia	1,793
35	Utah	1,723
36	Nebraska	1,578
37	New Mexico	1,515
38	Maine	1,228
39	Nevada	1,202
40	New Hampshire	1,109
41	Hawaii	1,108
42	Idaho	1,007
43	Rhode Island	1,003
44	Montana	799
45	South Dakota	696
46	Delaware	666
47	North Dakota	639
x	District of Columbia	607
48	Vermont	563
49	Alaska	550
50	Wyoming	454

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-29

HOUSEHOLDS, 1990 CENSUS

Rank	State	Thous.
	UNITED STATES	91,947
1	CALIFORNIA	10,381
2	New York	6,639
3	Texas	6,071
4	Florida	5,135
5	Pennsylvania	4,496
6	Illinois	4,202
7	Ohio	4,088
8	Michigan	3,419
9	New Jersey	2,795
10	North Carolina	2,517
11	Georgia	2,367
12	Virginia	2,292
13	Massachusetts	2,247
14	Indiana	2,065
15	Missouri	1,961
16	Washington	1,872
17	Tennessee	1,854
18	Wisconsin	1,822
19	Maryland	1,749
20	Minnesota	1,648
21	Alabama	1,507
22	Louisiana	1,499
23	Kentucky	1,380
24	Arizona	1,369
25	Colorado	1,282
26	South Carolina	1,258
27	Connecticut	1,230
28	Oklahoma	1,206
29	Oregon	1,103
30	Iowa	1,064
31	Kansas	945
32	Mississippi	911
33	Arkansas	891
34	West Virginia	689
35	Nebraska	602
36	New Mexico	543
37	Utah	537
38	Nevada	466
39	Maine	465
40	New Hampshire	411
41	Rhode Island	378
42	Idaho	361
43	Hawaii	356
44	Montana	306
45	South Dakota	259
x	District of Columbia	250
46	Delaware	247
47	North Dakota	241
48	Vermont	211
49	Alaska	189
50	Wyoming	169

Source: U.S. Department of Commerce, Bureau of the Census

TABLE P-30

UNEMPLOYMENT RATE, CIVILIAN, 1990

Rank	State	Percent
1	West Virginia	8.3
2	Michigan	7.5
2	Mississippi	7.5
4	Alaska	6.9
4	Arkansas	6.9
6	Alabama	6.8
7	Rhode Island	6.7
x	District of Columbia	6.6
8	New Mexico	6.3
9	Illinois	6.2
9	Louisiana	6.2
9	Texas	6.2
12	Massachusetts	6.0
13	Florida	5.9
14	Idaho	5.8
14	Kentucky	5.8
14	Montana	5.8
17	Missouri	5.7
17	Ohio	5.7
19	CALIFORNIA	5.6
19	New Hampshire	5.6
19	Oklahoma	5.6
22	Oregon	5.5
	UNITED STATES	5.5
23	Georgia	5.4
23	Pennsylvania	5.4
23	Wyoming	5.4
26	Arizona	5.3
26	Indiana	5.3
28	New York	5.2
28	Tennessee	5.2
30	Connecticut	5.1
30	Delaware	5.1
30	Maine	5.1
33	New Jersey	5.0
33	Vermont	5.0
35	Colorado	4.9
35	Nevada	4.9
35	Washington	4.9
38	Minnesota	4.8
39	South Carolina	4.7
40	Maryland	4.6
41	Kansas	4.4
41	Wisconsin	4.4
43	Utah	4.3
43	Virginia	4.3
45	Iowa	4.2
46	North Carolina	4.1
47	North Dakota	3.9
48	South Dakota	3.7
49	Hawaii	2.8
50	Nebraska	2.2

Source: U.S. Department of Labor, Bureau of Labor Statistics

TABLE P-31

NONAGRICULTURAL EMPLOYMENT, 1990 a/

Rank	State	Thous.
	UNITED STATES	109,971
1	CALIFORNIA	12,873
2	New York	8,209
3	Texas	7,033
4	Florida	5,403
5	Illinois	5,265
6	Pennsylvania	5,177
7	Ohio	4,896
8	Michigan	3,949
9	New Jersey	3,665
10	North Carolina	3,129
11	Georgia	2,996
12	Massachusetts	2,978
13	Virginia	2,898
14	Indiana	2,524
15	Missouri	2,341
16	Wisconsin	2,280
17	Tennessee	2,195
18	Maryland	2,177
19	Washington	2,155
20	Minnesota	2,126
21	Connecticut	1,641
22	Alabama	1,637
23	Louisiana	1,594
24	South Carolina	1,549
25	Colorado	1,518
26	Arizona	1,491
27	Kentucky	1,473
28	Oregon	1,248
29	Iowa	1,224
30	Oklahoma	1,186
31	Kansas	1,085
32	Mississippi	937
33	Arkansas	925
34	Nebraska	731
35	Utah	723
x	District of Columbia	688
36	West Virginia	628
37	Nevada	624
38	New Mexico	575
39	Maine	537
40	Hawaii	528
41	New Hampshire	509
42	Rhode Island	450
43	Idaho	386
44	Delaware	346
45	Montana	297
46	South Dakota	289
47	North Dakota	266
48	Vermont	258
49	Alaska	237
50	Wyoming	199

a/ Wage and salary employment in nonagricultural establishments

Source: U.S. Department of Labor, Bureau of Labor Statistics

TABLE P-32

MANUFACTURING EMPLOYMENT, 1990

Rank	State	Thous.
	UNITED STATES	19,111
1	CALIFORNIA	2,123
2	New York	1,131
3	Ohio	1,112
4	Pennsylvania	1,015
5	Texas	986
6	Illinois	984
7	Michigan	940
8	North Carolina	863
9	Indiana	635
10	New Jersey	600
11	Wisconsin	560
12	Georgia	559
13	Tennessee	523
14	Florida	522
15	Massachusetts	520
16	Missouri	437
17	Virginia	426
18	Minnesota	398
19	Alabama	385
20	South Carolina	383
21	Washington	370
22	Connecticut	342
23	Kentucky	287
24	Mississippi	246
25	Iowa	236
26	Arkansas	233
27	Oregon	219
28	Maryland	207
29	Colorado	193
30	Kansas	186
31	Arizona	185
32	Louisiana	184
33	Oklahoma	166
34	Utah	107
35	New Hampshire	106
36	Maine	102
37	Rhode Island	99
38	Nebraska	98
39	West Virginia	87
40	Delaware	72
41	Idaho	63
42	Vermont	46
43	New Mexico	43
44	South Dakota	34
45	Nevada	26
46	Montana	22
47	Hawaii	21
48	North Dakota	17
49	Alaska	17
x	District of Columbia	16
50	Wyoming	10

Rank based on unrounded data.

Source: U.S. Department of Labor, Bureau of Labor Statistics

TABLE P-33

MANUFACTURING AS A PERCENT OF NONAGRICULTURAL EMPLOYMENT, 1990

Rank	State	Percent
1	North Carolina	27.6
2	Mississippi	26.2
3	Indiana	25.2
4	Arkansas	25.1
5	South Carolina	24.7
6	Wisconsin	24.5
7	Michigan	23.8
8	Tennessee	23.8
9	Alabama	23.5
10	Ohio	22.7
11	Rhode Island	22.1
12	Connecticut	20.9
13	New Hampshire	20.8
14	Delaware	20.7
15	Pennsylvania	19.6
16	Kentucky	19.5
17	Iowa	19.3
18	Maine	19.0
19	Minnesota	18.7
20	Illinois	18.7
21	Georgia	18.7
22	Missouri	18.7
23	Vermont	17.9
24	Oregon	17.5
25	Massachusetts	17.5
	UNITED STATES	17.4
26	Washington	17.2
27	Kansas	17.1
28	CALIFORNIA	16.5
29	New Jersey	16.4
30	Idaho	16.3
31	Utah	14.8
32	Virginia	14.7
33	Texas	14.0
34	Oklahoma	14.0
35	West Virginia	13.9
36	New York	13.8
37	Nebraska	13.5
38	Colorado	12.7
39	Arizona	12.4
40	South Dakota	11.8
41	Louisiana	11.5
42	Florida	9.7
43	Maryland	9.5
44	Montana	7.5
45	New Mexico	7.5
46	Alaska	7.0
47	North Dakota	6.5
48	Wyoming	4.8
49	Nevada	4.2
50	Hawaii	4.0
x	District of Columbia	2.3

Rank based on unrounded data.

Source: U.S. Department of Labor
Bureau of Labor Statistics

TABLE P-34

EXPORT-RELATED MANUFACTURING EMPLOYMENT, 1987

Rank	State	Thous.
	UNITED STATES	2,770.6
1	CALIFORNIA	357.7
2	New York	187.7
3	Ohio	176.8
4	Michigan	155.1
5	Texas	148.8
6	Pennsylvania	145.8
7	Illinois	144.6
8	Massachusetts	109.8
9	Indiana	87.3
10	North Carolina	86.9
11	New Jersey	86.8
12	Florida	77.7
13	Connecticut	73.8
14	Wisconsin	72.5
15	Washington	71.3
16	Minnesota	62.3
17	Missouri	56.1
18	Georgia	53.9
19	Tennessee	52.2
20	South Carolina	48.1
21	Virginia	46.4
22	Alabama	42.0
23	Arizona	40.3
24	Oregon	31.5
25	Kentucky	30.5
26	Maryland	29.3
27	Colorado	28.6
28	Iowa	25.9
29	Arkansas	22.2
30	Kansas	21.8
31	New Hampshire	20.8
32	Mississippi	20.3
33	Oklahoma	19.9
34	Louisiana	19.2
35	Rhode Island	17.1
36	West Virginia	13.8
37	Maine	13.0
38	Utah	11.9
39	Vermont	11.4
40	Nebraska	9.3
41	Idaho	8.8
42	Delaware	8.2
43	Alaska	4.4
44	New Mexico	3.9
45	Nevada	3.5
45	South Dakota	3.5
47	Montana	1.9
48	North Dakota	1.4
x	District of Columbia	1.0
49	Hawaii	1.0
50	Wyoming	0.7

Source: U.S. Dept. of Commerce
Bureau of the Census

TABLE P-35

EXPORT-RELATED AS PERCENT OF TOTAL MANUFACTURING EMPLOYMENT, 1987

Rank	State	Percent
1	Alaska	40.0
2	Vermont	23.5
3	Washington	23.0
4	Arizona	21.8
5	New Hampshire	19.3
6	Connecticut	19.1
7	Massachusetts	18.6
8	CALIFORNIA	17.0
9	Minnesota	16.7
10	Idaho	16.6
11	West Virginia	16.5
12	Texas	16.4
13	Ohio	16.1
14	Michigan	15.8
15	Colorado	15.6
15	Florida	15.6
17	Oregon	15.5
18	Rhode Island	15.3
19	Nevada	14.8
19	New York	14.8
	UNITED STATES	14.7
21	Illinois	14.7
22	Indiana	14.5
23	Pennsylvania	14.1
23	Wisconsin	14.1
25	Missouri	13.4
25	Utah	13.4
27	Oklahoma	13.2
28	South Carolina	13.1
29	Maine	12.8
29	South Dakota	12.8
31	Maryland	12.7
31	New Jersey	12.7
33	Iowa	12.6
34	Delaware	12.3
35	Alabama	12.1
35	Kentucky	12.1
37	Louisiana	12.0
38	Kansas	11.5
39	New Mexico	11.2
40	Virginia	10.9
41	Arkansas	10.8
41	Tennessee	10.8
43	Nebraska	10.3
43	North Carolina	10.3
45	Georgia	9.5
45	Montana	9.5
47	Mississippi	9.2
48	North Dakota	9.1
49	Wyoming	8.9
x	District of Columbia	5.9
50	Hawaii	4.5

Source: U.S. Dept. of Commerce
Bureau of the Census

TABLE P-36

VALUE ADDED BY MANUFACTURE, 1987
(In millions)

Rank	State	Amount
	UNITED STATES	$1,165,917
1	CALIFORNIA	132,638
2	New York	80,033
3	Ohio	71,707
4	Texas	63,899
5	Illinois	63,350
6	Michigan	60,259
7	Pennsylvania	57,605
8	North Carolina	47,007
9	New Jersey	42,527
10	Indiana	39,279
11	Massachusetts	35,770
12	Georgia	33,708
13	Wisconsin	31,653
14	Florida	27,574
15	Tennessee	27,050
16	Virginia	26,857
17	Missouri	25,917
18	Minnesota	23,322
19	Connecticut	22,349
20	South Carolina	19,112
21	Washington	19,016
22	Alabama	18,652
23	Kentucky	18,092.
24	Louisiana	16,426
25	Iowa	14,469
26	Maryland	14,020
27	Kansas	12,909
28	Colorado	12,046
29	Oregon	11,610
30	Arizona	11,299
31	Arkansas	10,827
32	Mississippi	10,503
33	Oklahoma	9,857
34	New Hampshire	8,189
35	Nebraska	5,819
36	West Virginia	5,404
37	Maine	5,271
38	Utah	4,883
39	Rhode Island	4,788
40	Delaware	3,866
41	Idaho	3,057
42	Vermont	2,543
43	New Mexico	1,653
x	District of Columbia	1,525
44	South Dakota	1,476
45	Hawaii	1,405
46	Nevada	1,279
47	Montana	1,112
48	North Dakota	979
49	Alaska	834
50	Wyoming	493

Source: U.S. Department of Commerce,
Bureau of the Census
1987 Census of Manufactures (final)

TABLE P-37

AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING, 1990

Rank	State	Amount	Percent of U.S. average
1	Michigan	$13.86	127.9
2	Washington	12.70	117.2
3	Ohio	12.64	116.6
x	District of Columbia	12.49	115.2
4	Alaska	12.46	114.9
5	Delaware	12.40	114.4
6	Indiana	12.03	111.0
7	New Jersey	11.76	108.5
8	Louisiana	11.61	107.1
9	Maryland	11.57	106.7
10	Connecticut	11.54	106.5
11	West Virginia	11.53	106.4
12	Montana	11.51	106.2
13	CALIFORNIA	11.48	105.9
14	Illinois	11.44	105.5
15	Massachusetts	11.39	105.1
16	Iowa	11.27	104.0
17	Minnesota	11.24	103.7
18	Oregon	11.15	102.9
19	New York	11.11	102.5
19	Wisconsin	11.11	102.5
21	Nevada	11.05	101.9
22	Pennsylvania	11.04	101.8
23	Hawaii	10.99	101.4
24	Colorado	10.94	100.9
24	Kansas	10.94	100.9
	UNITED STATES	10.84	100.0
26	New Hampshire	10.83	99.9
26	Wyoming	10.83	99.9
28	Missouri	10.74	99.1
29	Oklahoma	10.71	98.8
30	Kentucky	10.70	98.7
31	Idaho	10.60	97.8
32	Maine	10.59	97.7
33	Vermont	10.53	97.1
34	Texas	10.47	96.6
35	Utah	10.33	95.3
36	Arizona	10.22	94.3
37	Virginia	10.07	92.9
38	Nebraska	9.67	89.2
39	Tennessee	9.55	88.1
40	Rhode Island	9.45	87.2
41	Alabama	9.38	86.5
42	Georgia	9.16	84.5
43	New Mexico	9.06	83.6
44	Florida	8.98	82.8
45	North Dakota	8.88	81.9
46	South Carolina	8.87	81.8
47	North Carolina	8.78	81.0
48	Arkansas	8.51	78.5
49	South Dakota	8.49	78.3
50	Mississippi	8.37	77.2

Source: U.S. Department of Labor
Bureau of Labor Statistics

TABLE P-38

GROSS STATE PRODUCT, 1986
(In millions)

Rank	State	Amount
	UNITED STATES	$4,191,705
1	CALIFORNIA	533,816
2	New York	362,736
3	Texas	303,510
4	Illinois	209,666
5	Pennsylvania	183,559
6	Florida	177,729
7	Ohio	176,102
8	New Jersey	154,765
9	Michigan	153,240
10	Massachusetts	115,526
11	Virginia	104,155
12	Georgia	102,922
13	North Carolina	100,961
14	Indiana	84,922
15	Missouri	83,534
16	Washington	77,683
17	Wisconsin	76,922
18	Maryland	76,504
19	Minnesota	75,626
20	Louisiana	74,426
21	Tennessee	72,328
22	Connecticut	70,639
23	Colorado	59,177
24	Alabama	55,007
25	Arizona	53,253
26	Kentucky	53,135
27	Oklahoma	49,814
28	South Carolina	44,727
29	Iowa	43,836
30	Kansas	42,472
31	Oregon	41,278
32	Mississippi	31,830
33	Arkansas	31,633
x	District of Columbia	28,791
34	Nebraska	26,521
35	West Virginia	24,096
36	Utah	24,008
37	New Mexico	23,603
38	Alaska	19,575
39	Nevada	19,426
40	Hawaii	19,320
41	New Hampshire	18,518
42	Maine	17,326
43	Rhode Island	15,205
44	Idaho	13,170
45	Montana	12,163
46	Delaware	11,706
47	Wyoming	11,673
48	North Dakota	10,733
49	South Dakota	9,802
50	Vermont	8,636

Source: U.S. Department of Commerce, Bureau of Economic Analysis

TABLE P-39

PERSONAL INCOME, 1990
(In millions)

Rank	State	Amount
	UNITED STATES	$4,662,698
1	CALIFORNIA	619,381
2	New York	397,602
3	Texas	285,085
4	Florida	241,713
5	Illinois	233,661
6	Pennsylvania	222,228
7	New Jersey	192,893
8	Ohio	190,720
9	Michigan	171,003
10	Massachusetts	135,861
11	Virginia	122,215
12	Georgia	110,886
13	North Carolina	108,396
14	Maryland	104,631
15	Indiana	93,805
16	Washington	92,174
17	Missouri	89,572
18	Wisconsin	86,147
19	Connecticut	83,842
20	Minnesota	82,223
21	Tennessee	77,540
22	Colorado	62,378
23	Louisiana	61,237
24	Alabama	60,776
25	Arizona	58,946
26	Kentucky	55,351
27	South Carolina	53,006
28	Oregon	49,198
29	Oklahoma	48,620
30	Iowa	47,870
31	Kansas	45,050
32	Arkansas	33,389
33	Mississippi	33,009
34	Nebraska	27,734
35	West Virginia	24,622
36	Utah	24,199
37	Nevada	23,298
38	New Hampshire	23,147
39	Hawaii	22,663
40	New Mexico	21,677
41	Maine	21,146
42	Rhode Island	18,894
43	Idaho	15,423
x	District of Columbia	13,980
44	Delaware	13,397
45	Montana	12,205
46	Alaska	11,956
47	South Dakota	10,997
48	Vermont	9,889
49	North Dakota	9,686
50	Wyoming	7,378

Source: U.S. Department of Commerce, Bureau of Economic Analysis

TABLE P-40

PER CAPITA PERSONAL INCOME, 1990 a/

Rank	State	Amount	Percent of U.S. average
1	Connecticut	$25,484	136.3
2	New Jersey	24,936	133.4
x	District of Columbia	23,243	124.4
3	Massachusetts	22,569	120.7
4	New York	22,086	118.2
5	Maryland	21,789	116.6
6	Alaska	21,688	116.0
7	New Hampshire	20,827	111.4
8	CALIFORNIA	20,677	110.6
9	Illinois	20,419	109.2
10	Hawaii	20,356	108.9
11	Delaware	20,022	107.1
12	Virginia	19,671	105.2
13	Nevada	19,035	101.8
14	Colorado	18,890	101.1
15	Rhode Island	18,802	100.6
16	Washington	18,775	100.4
17	Minnesota	18,731	100.2
	UNITED STATES	18,691	100.0
18	Pennsylvania	18,686	100.0
19	Florida	18,530	99.1
20	Michigan	18,360	98.2
21	Kansas	18,162	97.2
22	Ohio	17,564	94.0
23	Wisconsin	17,560	93.9
24	Nebraska	17,549	93.9
25	Vermont	17,511	93.7
26	Missouri	17,472	93.5
27	Iowa	17,218	92.1
28	Oregon	17,196	92.0
29	Maine	17,175	91.9
30	Georgia	17,049	91.2
31	Indiana	16,890	90.4
32	Texas	16,716	89.4
33	Wyoming	16,314	87.3
34	North Carolina	16,293	87.2
35	Arizona	16,012	85.7
36	Tennessee	15,866	84.9
37	South Dakota	15,797	84.5
38	Oklahoma	15,457	82.7
39	Montana	15,270	81.7
40	Idaho	15,249	81.6
41	North Dakota	15,215	81.4
42	South Carolina	15,151	81.1
43	Alabama	15,021	80.4
44	Kentucky	15,001	80.3
45	Louisiana	14,542	77.8
46	New Mexico	14,265	76.3
47	Arkansas	14,188	75.9
48	Utah	13,993	74.9
49	West Virginia	13,755	73.6
50	Mississippi	12,823	68.6

a/ July 1 population, benchmarked to the 1990 Census.
Source: U.S. Department of Commerce, Bureau of Economic Analysis

TABLE P-41

RETAIL TRADE, 1989
(In millions)

Rank	State	Amount
	UNITED STATES	$1,722,086
1	CALIFORNIA	213,317
2	New York	122,453
3	Texas	113,376
4	Florida	97,600
5	Pennsylvania	81,589
6	Illinois	78,949
7	Ohio	69,923
8	Michigan	64,943
9	New Jersey	60,972
10	Massachusetts	51,106
11	Virginia	44,840
12	North Carolina	44,059
13	Georgia	43,961
14	Indiana	37,143
15	Maryland	35,045
16	Missouri	34,070
17	Wisconsin	33,649
18	Washington	32,892
19	Minnesota	32,208
20	Tennessee	30,909
21	Connecticut	29,193
22	Louisiana	26,522
23	Alabama	25,123
24	Arizona	24,046
25	Colorado	22,925
26	Kentucky	22,466
27	South Carolina	21,713
28	Oregon	20,226
29	Oklahoma	19,852
30	Iowa	17,801
31	Kansas	15,659
32	Arkansas	14,401
33	Mississippi	13,426
34	New Hampshire	11,509
35	West Virginia	10,204
36	Maine	10,103
37	Nebraska	10,001
38	Hawaii	9,737
39	Utah	9,341
40	New Mexico	8,945
41	Nevada	8,030
42	Rhode Island	7,383
43	Delaware	5,586
44	Idaho	5,514
45	Montana	4,904
46	Vermont	4,729
47	North Dakota	4,409
48	South Dakota	4,366
49	Alaska	4,343
x	District of Columbia	3,812
50	Wyoming	2,812

Source: Market Statistics, New York, The Survey of Buying Power Data Service, annual (copyright)

TABLE P-42

AUTOMOBILES PER 1,000 POPULATION, 1989 a/b/c/

Rank	State	No.
1	Connecticut	783
2	Alabama	744
3	Florida	711
4	Tennessee	710
5	New Hampshire	699
6	New Jersey	696
7	Wisconsin	676
8	Ohio	654
9	Iowa	651
10	Oregon	644
11	Colorado	643
12	Maine	630
13	Maryland	620
14	Kansas	614
15	Wyoming	613
16	Vermont	612
17	Michigan	608
18	Washington	606
19	Delaware	605
20	Idaho	601
21	Virginia	596
22	Georgia	591
23	North Dakota	588
24	South Dakota	587
25	Minnesota	586
	UNITED STATES	582
26	CALIFORNIA	578
27	Rhode Island	567
28	Illinois	564
29	Hawaii	563
30	North Carolina	563
31	Arizona	560
32	Indiana	557
33	Massachusetts	557
34	Nebraska	550
35	Montana	543
36	Missouri	534
37	Nevada	530
38	Pennsylvania	528
39	South Carolina	526
40	Mississippi	525
41	Oklahoma	522
42	Kentucky	506
43	New Mexico	506
44	West Virginia	502
45	Texas	502
46	New York	494
47	Utah	473
48	Louisiana	453
49	Alaska	442
x	District of Columbia	417
50	Arkansas	347

Rank based on unrounded data.
a/ Based on resident population as of July 1 b/ Estimate
c/ Includes taxis

Source: Federal Highway Administration
Bureau of the Census: Population

TABLE P-43

VISITORS TO STATE PARKS AND RECREATION AREAS, a/ 1989

Rank	State	Thous.
	UNITED STATES	726,842
1	CALIFORNIA	77,307
2	Ohio	65,571
3	New York	56,056
4	Washington	40,637
5	Oregon	39,030
6	Pennsylvania	36,324
7	Illinois	35,452
8	Kentucky	26,192
9	Tennessee	26,060
10	Michigan	24,707
11	Texas	20,828
12	Hawaii	17,340
13	Oklahoma	16,817
14	Florida	15,147
15	Missouri	14,375
16	Georgia	14,351
17	Massachusetts	14,133
18	Wisconsin	11,563
19	Iowa	10,767
20	New Jersey	10,620
21	Indiana	9,397
22	Maryland	8,907
23	West Virginia	8,767
24	Nebraska	8,739
25	Connecticut	8,612
26	South Carolina	8,392
27	North Carolina	7,938
28	Colorado	7,912
29	Minnesota	7,687
30	Arkansas	6,660
31	Rhode Island	6,167
32	Alabama	5,775
33	Alaska	5,520
34	South Dakota	5,470
35	Kansas	5,109
36	Utah	4,894
37	New Mexico	4,826
38	New Hampshire	4,439
39	Mississippi	4,385
40	Montana	4,195
41	Virginia	3,873
42	Nevada	2,981
43	Maine	2,217
44	Idaho	2,130
45	Arizona	2,017
46	Wyoming	1,798
47	Delaware	1,742
48	Louisiana	1,028
49	North Dakota	1,006
50	Vermont	982

a/ Includes overnight visitors.

Source: National Association of State Park Directors

TABLE P-44

DEPARTMENT OF DEFENSE AND NASA PRIME CONTRACT AWARDS, 1990a/
(In millions $)

State	DOD	Rank	NASA	Rank
UNITED STATES	$121,254		$10,608.0	
CALIFORNIA	22,312	1	3,147.8	1
Texas	9,132	2	1,251.0	3
Massachusetts	8,166	3	96.4	14
Virginia	7,919	4	371.8	7
New York	6,835	5	77.8	15
Missouri	6,064	6	19.8	24
Florida	4,880	7	1,340.9	2
Ohio	4,383	8	214.0	11
Maryland	4,381	9	802.5	5
Connecticut	4,241	10	67.1	17
New Jersey	3,669	11	186.2	12
Arizona	3,400	12	28.0	21
Colorado	3,291	13	235.5	9
Pennsylvania	2,834	14	228.6	10
Washington	2,451	15	68.0	16
Alabama	1,938	16	1,121.9	4
Georgia	1,812	17	16.7	26
Minnesota	1,749	18	7.4	31
Indiana	1,695	19	19.5	25
District of Columbia	1,694	x	81.7	x
Louisiana	1,627	20	359.4	8
Mississippi	1,429	21	103.9	13
Michigan	1,360	22	24.2	23
Illinois	1,339	23	25.2	22
North Carolina	1,215	24	12.2	28
Tennessee	1,191	25	29.5	20
Wisconsin	935	26	40.2	19
Kansas	923	27	8.7	29
Utah	914	28	509.2	6
Maine	843	29	0.7	45
South Carolina	699	30	1.2	41
New Mexico	672	31	54.5	18
Oklahoma	622	32	4.0	35
Rhode Island	555	33	3.0	36
Hawaii	512	34	7.2	32
Iowa	494	35	5.2	33
Alaska	441	36	7.7	30
Kentucky	439	37	2.5	37
New Hampshire	391	38	12.5	27
Oregon	365	39	5.1	34
Arkansas	314	40	0.2	49
Nebraska	242	41	0.7	44
West Virginia	225	42	1.5	40
Nevada	183	43	1.0	42
North Dakota	99	44	0.1	50
Delaware	96	45	2.2	38
Vermont	75	46	0.5	46
Montana	69	47	0.8	43
Wyoming	63	48	0.3	48
Idaho	42	49	1.7	39
South Dakota	36	50	0.4	47

a/ U.S. Fiscal Year

Source: U.S. Department of Defense
National Aeronautics and Space Administration

TABLE P-45

DEPARTMENT OF DEFENSE CIVILIAN PERSONNEL, 1989a/

Rank	State	Thous.	% of Nonag Employment b/
	UNITED STATES	964.6	0.9
1	CALIFORNIA	131.5	1.0
2	Virginia	111.7	3.9
3	Texas	62.3	0.9
4	Pennsylvania	52.0	1.0
5	Maryland	43.7	2.0
6	Georgia	39.9	1.4
7	Ohio	35.8	0.7
8	Florida	33.8	0.6
9	Washington	29.4	1.4
10	Alabama	25.7	1.6
11	Oklahoma	24.4	2.1
12	Missouri	23.5	1.0
13	Utah	22.0	3.2
14	Illinois	21.7	0.4
15	New Jersey	21.5	0.6
16	South Carolina	20.7	1.4
17	Hawaii	20.2	4.0
17	New York	20.2	0.2
x	District of Columbia	17.9	2.6
19	Indiana	15.7	0.6
20	North Carolina	15.5	0.5
21	Colorado	14.4	1.0
22	Kentucky	14.0	1.0
23	Mississippi	13.3	1.4
24	Michigan	13.1	0.3
25	Massachusetts	12.2	0.4
26	Arizona	11.2	0.8
27	Maine	10.7	2.0
28	Kansas	9.5	0.9
29	New Mexico	9.2	1.6
30	Louisiana	8.5	0.6
31	Tennessee	7.7	0.4
32	Arkansas	5.2	0.6
33	Alaska	5.1	2.2
34	Connecticut	5.0	0.3
35	Nebraska	4.8	0.7
36	Rhode Island	4.5	1.0
37	Minnesota	3.6	0.2
38	Wisconsin	3.3	0.1
39	Oregon	3.2	0.3
40	Nevada	2.2	0.4
41	West Virginia	2.0	0.3
42	North Dakota	1.9	0.7
43	Delaware	1.8	0.5
43	New Hampshire	1.8	0.3
45	Iowa	1.5	0.1
45	South Dakota	1.5	0.5
47	Montana	1.4	0.5
48	Idaho	1.3	0.4
49	Wyoming	1.2	0.6
50	Vermont	0.6	0.2

a/ Fiscal year: Oct. 1, 1988-Sept. 30, 1989
b/ Nonagricultural employment for calendar 1989

Source: U.S. Department of Defense,
U.S. Bureau of Labor Statistics

TABLE P-46

FARM MARKETINGS, 1989
(In millions)

Rank	State	Amount
	UNITED STATES	$159,173
1	CALIFORNIA	17,515
2	Texas	10,760
3	Iowa	9,119
4	Nebraska	8,521
5	Illinois	6,710
6	Minnesota	6,526
7	Kansas	6,324
8	Florida	6,203
9	Wisconsin	5,278
10	North Carolina	4,551
11	Indiana	4,318
12	Arkansas	4,131
13	Missouri	3,900
14	Colorado	3,899
15	Georgia	3,869
16	Ohio	3,812
17	Washington	3,639
18	Oklahoma	3,594
19	Pennsylvania	3,581
20	South Dakota	2,992
21	Michigan	2,940
22	Kentucky	2,928
23	New York	2,857
24	Idaho	2,715
25	Alabama	2,628
26	Oregon	2,297
27	Mississippi	2,292
28	North Dakota	2,108
29	Virginia	2,058
30	Tennessee	1,921
31	Arizona	1,902
32	Louisiana	1,661
33	Montana	1,610
34	New Mexico	1,424
35	Maryland	1,346
36	South Carolina	1,225
37	Wyoming	856
38	Utah	748
39	Delaware	663
40	New Jersey	660
41	Hawaii	587
42	Maine	447
43	Massachusetts	429
44	Vermont	426
45	Connecticut	404
46	West Virginia	314
47	Nevada	235
48	New Hampshire	142
49	Rhode Island	79
50	Alaska	29

Source: U.S. Department of Agriculture

TABLE P-47

CROP VALUE a/, 1989 p/
(In millions)

Rank	State	Amount
	UNITED STATES	$76,967
1	CALIFORNIA	9,470
2	Illinois	5,872
3	Iowa	5,519
4	Minnesota	3,819
5	Texas	3,385
6	Nebraska	3,309
7	Florida	3,151
8	Indiana	3,052
9	Ohio	2,480
10	Kansas	2,333
11	Missouri	2,261
12	Washington	2,239
13	Wisconsin	1,906
14	North Carolina	1,858
15	North Dakota	1,751
16	Michigan	1,723
17	Kentucky	1,723
18	Idaho	1,702
19	Arkansas	1,582
20	South Dakota	1,456
21	Georgia	1,380
22	Colorado	1,255
23	Pennsylvania	1,240
24	Oklahoma	1,196
25	Montana	1,047
26	Oregon	1,040
27	Mississippi	1,034
28	Arizona	1,032
29	Tennessee	917
30	New York	876
31	Louisiana	827
32	Virginia	803
33	South Carolina	624
34	Alabama	576
35	New Mexico	385
36	Maryland	353
37	Utah	247
38	Wyoming	231
39	Maine	206
40	Hawaii b/	174
41	Nevada	167
42	Massachusetts	166
43	New Jersey	162
44	Delaware	125
45	West Virginia	114
46	Connecticut	94
47	Vermont	76
48	New Hampshire	26
49	Rhode Island	5

a/ Excludes Alaska
b/ Incomplete data.
p/ Preliminary.

Source: U.S. Department of Agriculture

TABLE P-48

CRIME RATE, 1989 a/

Rank	State	Rate
x	District of Columbia b/	10,293
1	Florida	8,804
2	Arizona	8,060
3	Texas	7,927
4	Georgia	7,073
5	CALIFORNIA	6,763
6	Washington	6,594
7	New Mexico	6,574
8	New York	6,293
9	Nevada	6,272
10	Hawaii	6,270
11	Louisiana	6,241
12	Oregon	6,161
13	Colorado	6,039
14	Michigan	5,968
	UNITED STATES	5,741
15	Utah	5,682
16	Illinois	5,639
17	South Carolina	5,619
18	Maryland	5,563
19	Oklahoma	5,503
20	Connecticut	5,270
21	New Jersey	5,269
22	North Carolina	5,254
23	Rhode Island	5,225
24	Massachusetts	5,136
25	Missouri	5,127
26	Kansas	4,983
27	Delaware	4,865
28	Alaska	4,780
29	Ohio	4,733
30	Alabama	4,628
31	Arkansas	4,556
32	Tennessee	4,514
33	Indiana	4,440
34	Minnesota	4,383
35	Virginia	4,211
36	Wisconsin	4,165
37	Nebraska	4,092
38	Vermont	4,089
39	Iowa	4,081
40	Montana	3,998
41	Idaho	3,931
42	Wyoming	3,889
43	New Hampshire	3,596
44	Maine	3,584
45	Mississippi	3,515
46	Pennsylvania	3,360
47	Kentucky	3,317
48	South Dakota	2,685
49	North Dakota	2,561
50	West Virginia	2,363

a/ Offenses known to police per 100,000 population. b/ Includes offenses reported by police at the National Zoo.

Source: Federal Bureau of Investigation

TABLE P-49

PER CAPITA ENERGY CONSUMPTION, 1988 a/
(In millions btu)

Rank	State	Mill. BTU	Percent of U.S. average
1	Alaska	991	303.1
2	Wyoming	786	240.4
3	Louisiana	783	239.4
4	Texas	569	174.0
5	North Dakota	467	142.8
6	Indiana	446	136.4
7	Kansas	423	129.4
8	Montana	415	126.9
8	West Virginia	415	126.9
10	Oklahoma	396	121.1
11	Alabama	393	120.2
12	Washington	389	119.0
13	Kentucky	376	115.0
14	Mississippi	358	109.5
15	Idaho	354	108.3
16	Tennessee	350	107.0
17	Delaware	349	106.7
18	Ohio	348	106.4
19	New Mexico	347	106.1
20	Nevada	337	103.1
21	Nebraska	334	102.1
22	Iowa	333	101.8
23	Arkansas	330	100.9
23	South Carolina	330	100.9
	UNITED STATES	327	100.0
25	Georgia	322	98.5
26	Oregon	318	97.2
27	Utah	316	96.6
28	Maine	309	94.5
29	Illinois	308	94.2
30	Virginia	306	93.6
31	Minnesota	305	93.3
32	North Carolina	300	91.7
32	Pennsylvania	300	91.7
34	Michigan	298	91.1
35	New Jersey	296	90.5
36	Missouri	294	89.9
37	Wisconsin	288	88.1
38	South Dakota	284	86.9
x	District of Columbia	283	86.5
39	Colorado	273	83.5
40	Maryland	268	82.0
41	Arizona	258	78.9
42	CALIFORNIA	246	75.2
43	Hawaii	243	74.3
44	Florida	237	72.5
45	Connecticut	234	71.6
46	Vermont	232	70.9
47	Massachusetts	229	70.0
48	New Hampshire	224	68.5
49	Rhode Island	218	66.7
50	New York	200	61.2

a/ Based on estimated resident population as of July 1.

Source: U.S. Energy Information Administration
U.S. Bureau of the Census

TABLE P-50

PUBLIC ELEMENTARY AND SECONDAR SCHOOLS: NUMBER AND AVERAGE SALARY OF TEACHERS, 1990
(In thousands)

Rank b/	State	Number of teachers a/	Average annual salary
	UNITED STATES	2,364.0	$31.2
1	CALIFORNIA	207.3	36.4
2	Texas	202.4	27.5
3	New York	183.3	38.9
4	Illinois	105.9	32.8
5	Pennsylvania	105.4	33.3
6	Florida	104.1	28.8
7	Ohio	101.6	31.2
8	New Jersey	79.6	35.7
9	Michigan	78.1	36.0
10	Georgia	66.5	27.9
11	North Carolina	62.9	27.8
12	Virginia	62.6	30.9
13	Massachusetts	59.0	34.2
14	Indiana	54.7	30.5
15	Missouri	51.2	27.2
16	Wisconsin	46.4	31.9
17	Louisiana	44.0	24.3
18	Tennessee	43.6	27.1
19	Minnesota	43.1	32.2
20	Maryland	40.7	36.6
21	Washington	40.3	30.5
22	Alabama	39.7	25.5
23	Kentucky	35.8	26.3
24	Oklahoma	35.6	23.1
24	South Carolina	35.6	27.2
26	Connecticut	34.8	40.5
27	Arizona	33.6	29.4
28	Colorado	32.0	30.8
29	Iowa	30.9	26.7
30	Kansas	28.7	28.7
31	Mississippi	27.5	24.4
32	Oregon	25.6	30.8
33	Arkansas	25.5	22.0
34	West Virginia	21.7	22.8
35	Utah	18.3	23.7
36	Nebraska	18.2	25.5
37	New Mexico	16.3	25.1
38	Maine	14.2	26.9
39	Idaho	11.1	23.9
40	New Hampshire	10.6	29.0
41	Montana	9.6	25.1
42	Rhode Island	9.4	36.1
43	Hawaii	9.3	32.0
44	Nevada	9.2	30.6
45	South Dakota	8.2	21.3
46	North Dakota	7.8	23.0
47	Vermont	7.0	28.8
48	Alaska	6.5	43.2
x	District of Columbia	6.5	38.0
48	Wyoming	6.5	28.2
50	Delaware	6.0	33.4

a/ Full-time equivalent.
b/ Ranked by number of classroom teachers

Source: National Education Association, Estimates of School Statistics, 1989-90.
(Copyright)

TABLE P-51

TOTAL ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, 1988

Rank	State	Thous.
	UNITED STATES a/	13,043
1	CALIFORNIA	1,754
2	New York	1,007
3	Texas	847
4	Illinois	689
5	Pennsylvania	574
6	Michigan	543
7	Ohio	542
8	Florida	516
9	Massachusetts	427
10	North Carolina	333
11	Virginia	321
12	New Jersey	303
13	Wisconsin	285
14	Indiana	268
15	Missouri	262
16	Arizona	258
17	Washington	253
18	Maryland	249
19	Minnesota	245
20	Georgia	231
21	Tennessee	206
22	Alabama	200
23	Colorado	186
24	Louisiana	176
24	Oklahoma	176
26	Connecticut	166
27	Iowa	161
28	Kentucky	160
29	Oregon	156
30	Kansas	153
31	South Carolina	148
32	Mississippi	113
33	Utah	108
34	Nebraska	105
35	Arkansas	85
36	West Virginia	80
x	District of Columbia	79
37	New Mexico	79
38	Rhode Island	75
39	New Hampshire	55
40	Hawaii	52
41	Nevada	49
42	Maine	48
43	Idaho	46
44	Delaware	38
44	North Dakota	38
46	Montana	36
47	Vermont	34
48	South Dakota	31
49	Alaska	28
50	Wyoming	27

a/ U.S. total includes military academies.

Source: U.S. National Center for Education Statistics

TABLE P-52

AVERAGE EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE (ADA), 1990 a/

Rank	State	Amount
1	New Jersey	$8,439
2	New York	8,094
3	Connecticut	7,934
x	District of Columbia	7,407
4	Alaska	7,252
5	Rhode Island	6,523
6	Massachusetts	6,170
7	Maryland	5,887
8	Delaware	5,848
9	Wisconsin	5,703
10	Pennsylvania	5,670
11	Maine	5,577
12	Vermont	5,418
13	Wyoming	5,281
14	New Hampshire	5,149
15	Minnesota	5,114
16	Oregon	5,085
17	Michigan	5,073
18	Florida	5,051
19	Virginia	5,000
	UNITED STATES	4,890
20	Illinois	4,853
21	Kansas	4,706
22	Washington	4,638
23	CALIFORNIA	4,598
24	Iowa	4,590
25	Colorado	4,580
26	Hawaii	4,504
27	Georgia	4,456
28	Ohio	4,394
29	Nevada	4,387
30	North Carolina	4,386
31	Missouri	4,226
32	New Mexico	4,180
33	Montana	4,147
34	West Virginia	4,146
35	Indiana	4,126
36	Texas	4,056
37	Nebraska	3,874
38	Arizona	3,853
39	Kentucky	3,824
40	South Carolina	3,731
41	North Dakota	3,581
42	Tennessee	3,503
43	Oklahoma	3,484
44	Louisiana	3,457
45	Alabama	3,314
46	South Dakota	3,312
47	Arkansas	3,272
48	Mississippi	3,151
49	Idaho	3,037
50	Utah	2,733

a/ Estimated

Source: National Education Association, Washington, DC.

APPENDIX

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For the convenience of the reader who requires additional and more specialized information, this section contains the addresses of contributors to the 1991 California Statistical Abstract.

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